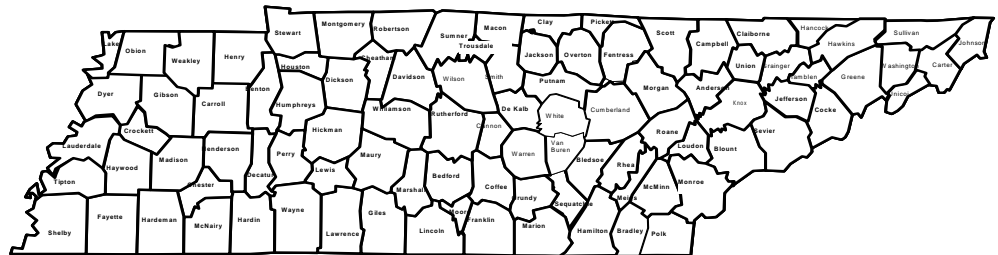


2005



Tennessee

Health Access Plan Update



**Tennessee Department of Health
Bureau of Health Services
Community Services Section
Community Systems Division**

Preface

The *Health Access Plan* is published annually by the Tennessee Department of Health, Bureau of Health Services, Community Services Section. The *Plan* assists federal, state, and local health planning officials in identifying shortage areas for primary and dental health care in Tennessee. The identification of these areas is important in alleviating any lack of available and accessible health care among the citizens of Tennessee.

This report is generated to provide guidelines for the Health Access Incentive Grant Program, Annual Health Professional Recruitment Fair, National Health Service Corps Program, Graduate Medical Education - Residency Stipend Program, and J-1 Visa Waiver Programs, and to disseminate data from the annual survey of physicians, physician extenders, and dentists.

*Please visit the Office of Rural Health website at <http://www2.state.tn.us/health/rural> for future publication of this document.

Table of Contents

	Page
Introduction.....	1
Health Access Act of 1989	1
History of the Health Access Incentive Grant Program	4
Rational Service Areas.....	7
State Health Resource Shortage Areas	
Primary Care Services.....	15
Primary Care Providers.....	16
Health Resource Shortage Areas for Primary Care	18
Regional Primary Care Information.....	22
Obstetrical Services.....	30
Obstetric Providers.....	31
Health Resource Shortage Areas for Obstetrics.....	33
Obstetric Information.....	37
Pediatric Services	42
Pediatric Providers	43
Health Resource Shortage Areas for Pediatric Primary Care	45
Regional Pediatric Care Information	49
TennCare Primary Care Services	57
TennCare Primary Care Providers	58
Health Resource Shortage Areas for TennCare Primary Care	60
Regional TennCare Primary Care Information.....	64
General Dental Services	72
General Dentists and Health Resource Shortage Areas for General Dental Care Providers.....	73
Health Resource Shortage Areas for General Dental Care.....	74
County Dental Information	78

Table of Contents

	Page
Other Priority Areas	80
Designation of Priority Areas	81
Other Priority Areas By Type: Diabetes, Stroke and Heart Disease	82
Federal Health Professional Shortage Areas	84
Health Professional Shortage Areas for Primary Care	85
Health Professional Shortage Areas for Dental Care	94
Health Professional Shortage Areas for Mental Health.....	101
Medically Underserved Areas/Medically Underserved Populations.....	108
National Health Service Corp	115
Federally Qualified Health Centers	116
Appendix	I
Glossary	II

Table of Contents **List of Figures**

	Page
Tennessee Department of Health Regions	3
Health Access Incentive Recipients by Year of Initial Contract, July 1989 to December 2004	4
Number of Health Access Incentive Grant Program Recipients by County of Practice, July 1989 to December 2004	5
Health Access Incentive Recipients Placed by Region, July 1989 to December 2004.....	6
Top 30 Health Resource Shortage Areas for Primary Care, 2004.....	19
Top 30 Health Resource Shortage Areas for Obstetrics, 2004.....	34
Top 30 Health Resource Shortage Areas for General Pediatrics, 2004.....	46
Top 30 Health Resource Shortage Areas for TennCare Primary Care, 2004.....	61
Top 30 Health Resource Shortage Areas for General Dental Care, 2003	75
Other Priority Areas, 2005	83
Federal Health Professional Shortage Areas for Primary Care, October, 2005 ..	86
Federal Health Professional Shortage Areas for Dental Care, October, 2005.....	95
Federal Mental Health Catchment Areas	102
Federal Health Professional Shortage Areas for Mental Health, May, 2004	103
Federal Medically Underserved Areas (MUAs)/Medically Underserved Populations (MUPs), September, 2005.....	109
Federally Qualified Health Center, September, 2005	119

List of Tables

	Page
Rational Service Areas for Primary Care.....	9
Rational Service Areas for Obstetrics	10
Rational Service Areas for Pediatric Primary Care	11
Rational Service Areas for TennCare Primary Care	12
General Dental Care Counties	13
Other Priority Areas	14
Statewide Primary Care Information	
Urban Regions.....	17
Urban, Rural, and State Totals	17
Ranking of Rational Service Area Population to Provider Ratios, 2004	20
Northeast Region.....	23
East Tennessee Region.....	24
Southeast Region.....	25
Upper Cumberland Region	26
Mid-Cumberland Region	27
South Central Region	28
West Region.....	29
Statewide Obstetric Information	
Urban Regions.....	32
Urban, Rural, and State Totals	32
Ranking of Obstetric Rational Service Area Population to Provider Ratios, 2004	35
Obstetric Information	38

Table of Contents
List of Tables (continued)

	Page
Statewide Pediatric Care Information	
Urban Regions.....	44
Urban, Rural, and State Totals	44
Ranking of Pediatric Rational Service Area Population to Provider	
Ratios, 2004	47
Northeast Region.....	50
East Tennessee Region.....	51
Southeast Region.....	52
Upper Cumberland Region	53
Mid-Cumberland Region	54
South Central Region	55
West Region.....	56
Statewide TennCare Primary Care Information	
Urban Regions.....	59
Urban, Rural, and State Totals	59
Ranking of TennCare Rational Service Area Population to Provider	
Ratios, 2004	62
Northeast Region.....	65
East Tennessee Region.....	66
Southeast Region.....	67
Upper Cumberland Region	68
Mid-Cumberland Region	69
South Central Region	70
West Region.....	71

Table of Contents
List of Tables (continued)

	Page
General Dental Services	
Ranking of General Dental Care Population to Provider Ratios, 2003	76
General Dental Counties	79
Federal Health Professional Shortage Areas for Primary Care, October, 2005 ..	86
Federal Health Professional Shortage Areas for Dental Care, October, 2004.....	95
Federal Health Professional Shortage Areas for Mental Health, May, 2004.....	104
Medically Underserved Areas (MUAs)/Medically Underserved Populations (MUPs), September, 2005.....	110
Federally Qualified Health Centers, September, 2005.....	116

Introduction

Health care for the poor and medically underserved is a national, state, and local concern. Following an extensive study, the Tennessee General Assembly passed the Health Access Act, effective July 1, 1989. This legislation was designed to improve the availability, affordability, and accessibility of primary health care services for all Tennesseans.

Health Access Act of 1989

The Health Access Act of 1989 was designed to alleviate health shortage areas for primary care. The Health Access Incentive Grant Program was part of that Act. This program:

- Provides financial incentives for primary care providers to practice in medically underserved areas.
- Is designed to assure that all patients have access to health care appropriate for their needs, regardless of ability to pay.

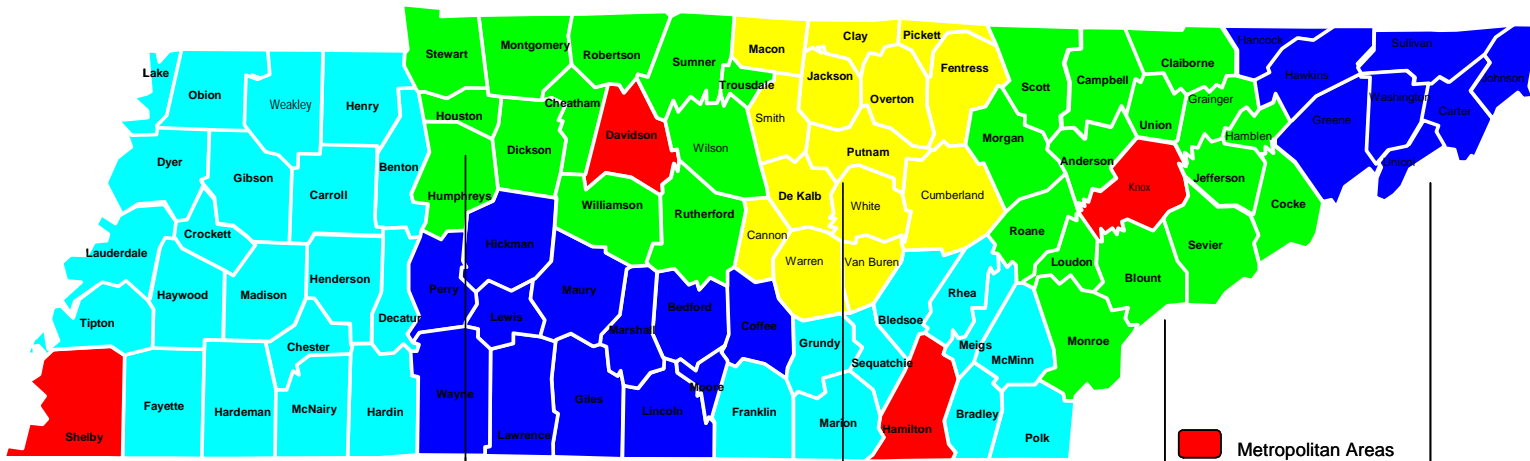
Health Access Incentive Grants also continue to be provided on a limited basis through the Health Access Program for physicians, nurse practitioners, physician assistants, and dentists establishing new practices in health resource shortage areas. However, only providers who are willing to locate a practice in one of the 30 most underserved health resource shortage area (HRSA) counties are eligible for an incentive grant. The top 30 HRSA counties were established to direct health resources to the most critically-underserved communities in Tennessee.

For purposes of the program, the state is divided into rational service areas. These areas are comprised of geographic locations in which residents would be expected to seek the majority of their health care. Funds have been made available historically through the Tennessee Department of Health regional geographic configuration. (See map on next page) In addition, legislation was passed in 1997 that allowed for the development of new guidelines that enhance and expand the scope of the Health Access Program. This component of the Health Access Program is called "Community Initiatives."

The Community Initiative Program provides funds to expand or enhance the availability of primary, obstetrical, or dental care services. The purpose of this program is to support projects that demonstrate innovative models of health care services delivery in areas that lack basic health services. Proposals (which are developed in collaboration with regional health councils) focus on either the direct provision of health services to underserved populations, especially for those who are not currently receiving them, or to enhance access to and utilization of existing available services.

In 2005, the Commissioner of Health began designating counties as Other Priority Areas (OPAs). These counties have an overall disproportionate mortality rate for heart disease, diabetes and/or stroke and are not already designated as a Primary Care and/or TennCare Primary Care Top 30 Health Resource Shortage Area. These OPA counties will be eligible and potentially targeted for Health Access Community Initiative Grants.

Tennessee Department of Health Regions



WEST TENNESSEE

Benton
 Carroll
 Chester
 Crockett
 Decatur
 Dyer
 Fayette
 Gibson
 Hardin
 Hardeman
 Haywood
 Henderson
 Henry
 Lake
 Lauderdale
 McNairy
 Madison
 Obion
 Tipton
 Weakley

MID-CUMBERLAND

Cheatham
 Dickson
 Houston
 Humphreys
 Montgomery
 Robertson
 Stewart
 Sumner
 Trousdale
 Williamson
 Wilson

SOUTH CENTRAL

Bedford
 Coffee
 Giles
 Hickman
 Lawrence
 Lewis
 Lincoln
 Marshall
 Maury
 Moore
 Perry
 Wayne

UPPER CUMBERLAND

Cannon
 Clay
 DeKalb
 Fentress
 Jackson
 Macon
 Overton
 Putnam
 Smith
 Warren
 White
 Van Buren

SOUTHEAST

Bledsoe
 Bradley
 Franklin
 Grundy
 Marion
 McMinn
 Meigs
 Polk
 Rhea
 Sequatchie

EAST TENNESSEE

Anderson
 Blount
 Campbell
 Claiborne
 Cocke
 Grainger
 Hamblen
 Jefferson
 Loudon
 Monroe
 Morgan
 Roane
 Scott
 Sevier
 Union

NORTHEAST

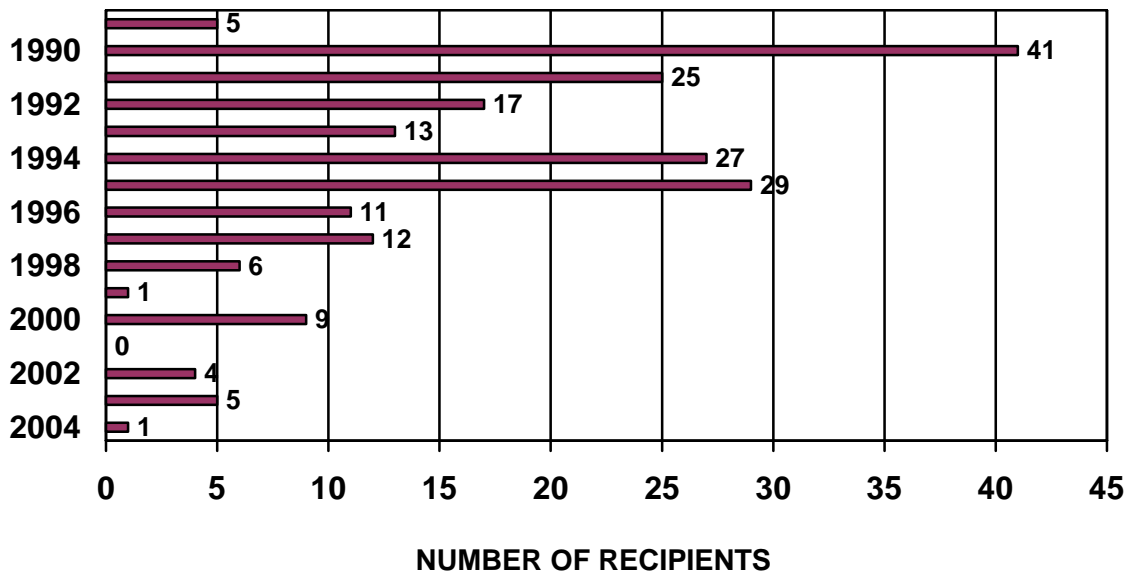
Carter
 Greene
 Hancock
 Hawkins
 Johnson
 Sullivan *
 Washington
 Unicoi

* Madison and Sullivan Counties are not considered to be metropolitan areas for purposes of the Health Access Plan

History of the Health Access Incentive Grant Program

As of December 31, 2004, the Health Access Incentive Grant Program had placed 206 providers in health resource shortage areas in Tennessee. From 1989 through 2004, the average number of recipients placed was 13 per year.

Health Access Incentive Recipients by Year of Initial Contract July 1989 - December 2004

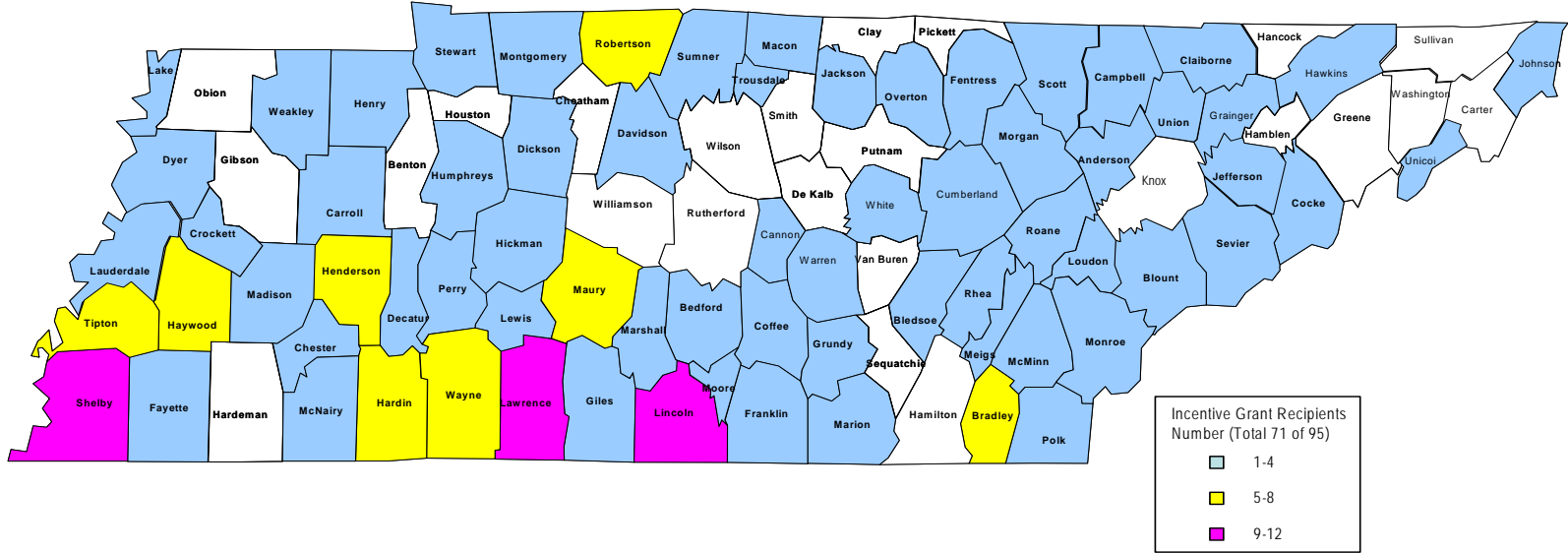


The number of providers and their specialties, to date, are:

- 89 family physicians (21 who are OB-capable)
- 25 internal medicine specialists (2 are internal medicine/pediatrics)
- 26 obstetricians
- 14 pediatricians
- 2 psychiatrists (no longer eligible to participate)
- 1 preventive medicine physician
- 33 family nurse practitioners
- 1 pediatric nurse practitioner
- 5 certified nurse midwives
- 10 physician assistants

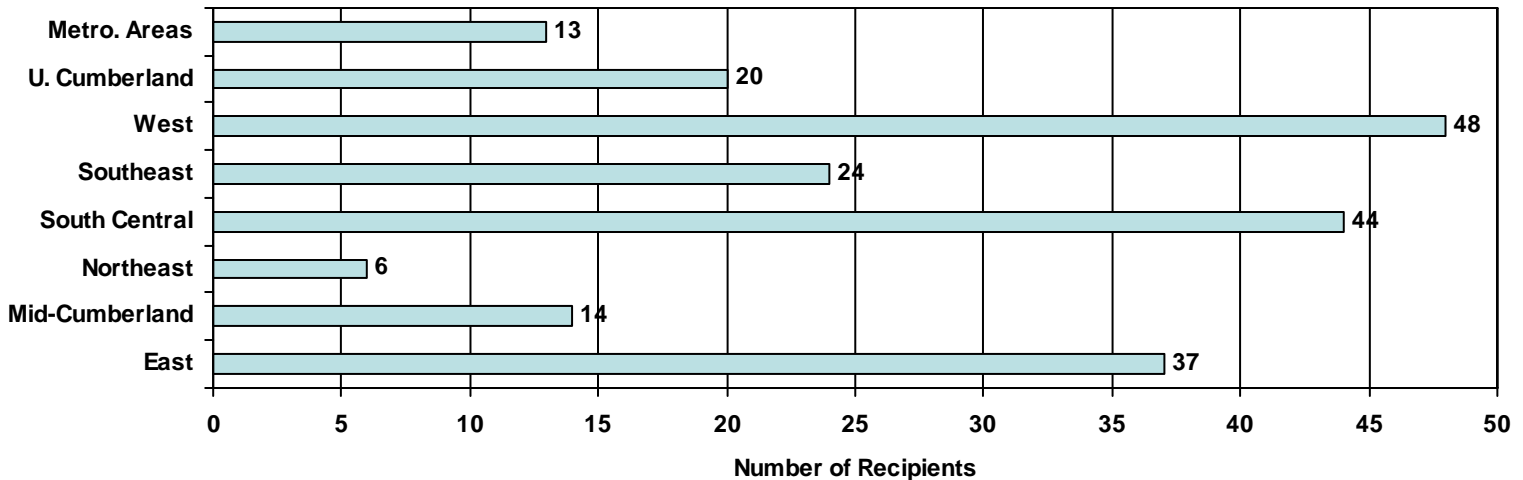
These 206 practitioners have located in medically underserved shortage areas across the state. Since the program's inception, Health Access Incentive Grant recipients have provided health care in 71 of the 95 counties in Tennessee.

Number of Health Access Incentive Grant Recipients
by County of Practice - 1989-2004



The West Tennessee and South Central Regions have placed the largest numbers of Health Access Incentive Grant recipients (48 and 44, respectively). The next largest number (37) of placements has been in the East Tennessee Region.

**Health Access Incentive Recipients Placed by Region,
July 1989 - December 2004**



The Tennessee Department of Health, Bureau of Health Services, Community Services Section, hosts its Health Professional Recruitment Fair, annually. The Health Professional Recruitment Fair is a combined effort between the Department of Health and local communities to help place primary care physicians, dentists, nurse practitioners, nurse midwives, and physician assistants in areas of Tennessee with inadequate access to primary medical or dental care. The recruitment fair offers an opportunity for providers to meet with representatives of Tennessee's underserved communities to discuss present and future practice opportunities.

Rational Service Areas

To receive funds through the Health Access Incentive Grant Program, a practitioner must locate in a rational service area that has been designated by the Commissioner of the Tennessee Department of Health as a (HRSA), Health Resource Shortage Area.

Rational service areas are individual counties, groups of counties, or communities that have displayed certain obvious primary, obstetrical, and pediatric care service patterns for residents of that county, community, and/or surrounding areas. Determining factors for delineating rational service areas include natural or artificial barriers (mountains, bad roads), migration patterns for care, the presence or absence of health manpower or facilities, patients' payment capabilities, etc.

In determining rational service areas:

- Past patient migration patterns were tracked.
- Distance and travel time were applied, assuming a maximum of 20 miles or 30 minutes for primary care, pediatric care, and TennCare and 40 miles or one hour for obstetrics.
- Advice from local and regional health personnel was sought.

Through this process, the Tennessee Department of Health identified 85 rational service areas each for primary care, general pediatric care, and TennCare primary care, and 37 rational service areas for obstetrical care. For general dental care, no data on service patterns were analyzed for inclusion in this plan. Each individual county is considered a dental rational service area until more information is available.

Of the 85 rational service areas for primary care, 30 counties have been designated by the Commissioner of Health as provider shortage areas. Again this year, mid-level providers (nurse practitioners, certified nurse midwives, and physician assistants) are included in the full-time equivalency of primary care providers. This inclusion recognizes the care provided by physician extenders who are serving communities that have primary care needs. These providers are counted at only 40 percent full-time equivalency because national research has indicated that mid-level providers spend more time, on average, with each patient than does a physician.

Health resource shortage areas for obstetrics are areas designated by the Commissioner of Health as rational service areas that have inadequate or no obstetrical services. Within the 37 rational service areas, generally, 30 counties of the state's 95 counties have been designated as obstetric shortage areas.

Pediatric resource shortage areas were analyzed for the first time in 1997. This analysis revealed that obstetric shortage areas also tend to suffer from a lack of pediatricians and family physicians who serve children. In addition, a focus on healthy children in this state has highlighted some shortages of providers for the pediatric population. Through the assistance of the Tennessee Pediatric Society, the pediatric population was identified as those aged 0-17 years. Among the 85 rational service areas for general pediatric primary care, 30 counties were declared shortage areas.

Another addition in this plan starting in 1997 was the designation of Health Resource Shortage Areas for TennCare primary care providers. During the survey, physicians and mid-level providers were asked if they contracted with TennCare managed care organizations (MCOs) to treat primary care patients. If the response was yes, the full-time equivalency of each provider's practice was calculated based on the number of self-reported hours a provider is in direct patient care. Providers reporting over forty hours a week were counted as no greater than 1.0 full-time equivalent (FTE). Of the 85 rational service areas for TennCare primary care, the counties with the worst 30 ratios were declared shortage areas.

A third addition to this publication in 2001 was the designation of health resource shortage areas for general dentistry. These designations have been made possible through the active efforts of the public agencies who wish to alleviate shortages in counties where the recruitment of a general practice dentist is needed. In collaboration with the University of Tennessee Community Health Research Group, the Department of Health conducted a survey of dental providers for 2003. Shortages were determined by a county's lack of a dentist or by the limited availability of general dental care to the total population as evidenced by the ratio of dentists to the total population.

A listing of the counties or parts of counties contained in the rational service areas for primary care, obstetrics, pediatrics, TennCare primary care, and general dentistry and their designations begins on the following pages. Shortage area counties are identified in blue.

Finally, a fourth addition to this publication in 2005 was the Commissioner's designation of Other Priority Areas (OPA). OPA are counties that have an overall disproportionate mortality rate for heart disease, diabetes and/or stroke and are not already designated as a Primary Care and/or TennCare Primary Care Top 30 Health Resource Shortage Area. These OPA counties will be eligible and potentially targeted for Health Access Community Initiative Grants.

RATIONAL SERVICE AREAS FOR PRIMARY CARE

Rational Service Area for Primary Care	Counties Included in RSA (Shortage areas in blue)
1	Lake
2	Dyer
3	Lauderdale
4	Tipton
5	Shelby
6	Obion
7	Gibson
8	Haywood
9	Fayette
10	Weakley
11	Madison
12	Chester
13	Crockett
14	Hardeman
15	Benton, Henry
16	Carroll
17	Henderson
18	Decatur
19	McNairy
20	Hardin
21	Houston, Stewart
22	Humphreys
23	Lewis, Perry
24	Wayne
25	Montgomery
26	Dickson
27	Hickman
28	Lawrence
29	Robertson
30	Cheatham
31	Williamson
32	Maury
33	Giles
34	Sumner
35	Davidson
36	Rutherford
37	Marshall
38	Lincoln
39	Macon
40	Trousdale
41	Smith, Wilson
42	Cannon
43	Bedford, Coffee, Moore
44	Franklin
45	Clay
46	Jackson
47	Putnam
48	DeKalb
49	Warren
50	Grundy

Rational Service Area for Primary Care	Counties Included in RSA (Shortage areas in blue)
51	Marion
52	Overton
53	Van Buren, White
54	Sequatchie
55	Pickett
56	Fentress
57	Cumberland
58	Bledsoe, Rhea
59	Hamilton
60	Scott
61	Morgan
62	Roane
63	McMinn
63A	Meigs
64	Bradley
65	Polk
66	Campbell
67	Anderson
68	Loudon
69	Monroe
70	Claiborne
71	Union
72	Knox
73	Blount
74	Hancock
75	Grainger
76	Hamblen
77	Jefferson
78	Sevier
79	Hawkins
80	Greene
81	Cocke
82	Sullivan
83	Carter, Unicoi, Washington
84	Johnson

RATIONAL SERVICE AREAS FOR OBSTETRICS

Rational Service Area for Obstetrics	Counties included in RSA (shortage areas in blue)
1	Dyer, Lake, Lauderdale, Obion
2	Fayette
3	Shelby, Tipton
4	Carroll, Weakley
5	Haywood
6	Chester, Crockett, Decatur, Gibson, Hardeman, Henderson, Madison
7	Benton, Henry
8	Hardin, McNairy
9	Houston, Montgomery, Stewart
10	Dickson, Humphreys
11	Giles, Hickman, Lewis, Marshall, Maury, Perry
12	Lawrence, Wayne
13	Cheatham, Davidson, Sumner, Williamson
14	Robertson
15	Macon, Smith, Trousdale, Wilson
16	Cannon, Rutherford
17	Bedford, Coffee, Moore
18	Lincoln
19	Franklin
20	Clay, Overton, Pickett
21	Jackson, Putnam, White
21A	Fentress
22	Grundy, Van Buren, Warren
22A	DeKalb
23	Cumberland
24	Bledsoe, Hamilton, Marion, Rhea, Sequatchie,
25	Bradley, Meigs, McMinn, Polk
26	Anderson, Morgan, Roane
27	Scott
28	Campbell, Claiborne, Knox, Union
29	Blount, Loudon, Monroe
30	Grainger, Hamblen, Hancock, Jefferson
31	Sevier
32	Hawkins, Sullivan
33	Greene
34	Cocke
35	Carter, Johnson, Unicoi, Washington

RATIONAL SERVICE AREAS FOR PEDIATRIC PRIMARY CARE

Rational Service Area for Pediatric Primary Care	Counties Included in RSA (Shortage areas in blue)
1	Lake
2	Dyer
3	Lauderdale
4	Tipton
5	Shelby
6	Obion
7	Gibson
8	Haywood
9	Fayette
10	Weakley
11	Madison
12	Chester
13	Crockett
14	Hardeman
15	Benton, Henry
16	Carroll
17	Henderson
18	Decatur
19	McNairy
20	Hardin
21	Houston, Stewart
22	Humphreys
23	Lewis, Perry
24	Wayne
25	Montgomery
26	Dickson
27	Hickman
28	Lawrence
29	Robertson
30	Cheatham
31	Williamson
32	Maury
33	Giles
34	Sumner
35	Davidson
36	Rutherford
37	Marshall
38	Lincoln
39	Macon
40	Trousdale
41	Smith, Wilson
42	Cannon
43	Bedford, Coffee, Moore
44	Franklin
45	Clay
46	Jackson
47	Putnam
48	DeKalb
49	Warren
50	Grundy

Rational Service Area for Pediatric Primary Care	Counties Included in RSA (Shortage areas in blue)
51	Marion
52	Overton
53	Van Buren, White
54	Sequatchie
55	Pickett
56	Fentress
57	Cumberland
58	Bledsoe, Rhea
59	Hamilton
60	Scott
61	Morgan
62	Roane
63	McMinn, Meigs
64	Bradley
65	Polk
66	Campbell
67	Anderson
68	Loudon
69	Monroe
70	Claiborne
71	Union
72	Knox
73	Blount
74	Hancock
75	Grainger
76	Hamblen
77	Jefferson
78	Sevier
79	Hawkins
80	Greene
81	Cocke
82	Sullivan
83	Carter, Unicoi, Washington
84	Johnson

RATIONAL SERVICE AREAS FOR TENNCARE PRIMARY CARE

Rational Service Area for TennCare Primary Care	Counties Included in RSA (Shortage areas in blue)
1	Lake
2	Dyer
3	Lauderdale
4	Tipton
5	Shelby
6	Obion
7	Gibson
8	Haywood
9	Fayette
10	Weakley
11	Madison
12	Chester
13	Crockett
14	Hardeman
15	Benton, Henry
16	Carroll
17	Henderson
18	Decatur
19	McNairy
20	Hardin
21	Houston, Stewart
22	Humphreys
23	Lewis, Perry
24	Wayne
25	Montgomery
26	Dickson
27	Hickman
28	Lawrence
29	Robertson
30	Cheatham
31	Williamson
32	Maury
33	Giles
34	Sumner
35	Davidson
36	Rutherford
37	Marshall
38	Lincoln
39	Macon
40	Trousdale
41	Smith, Wilson
42	Cannon
43	Bedford, Coffee, Moore
44	Franklin
45	Clay
46	Jackson
47	Putnam
48	DeKalb
49	Warren
50	Grundy

Rational Service Area for TennCare Primary Care	Counties Included in RSA (Shortage areas in blue)
51	Marion
52	Overton
53	Van Buren, White
54	Sequatchie
55	Pickett
56	Fentress
57	Cumberland
58	Bledsoe, Rhea
59	Hamilton
60	Scott
61	Morgan
62	Roane
63	McMinn
63A	Meigs
64	Bradley
65	Polk
66	Campbell
67	Anderson
68	Loudon
69	Monroe
70	Claiborne
71	Union
72	Knox
73	Blount
74	Hancock
75	Grainger
76	Hamblen
77	Jefferson
78	Sevier
79	Hawkins
80	Greene
81	Cocke
82	Sullivan
83	Carter, Unicoi, Washington
84	Johnson

GENERAL DENTAL CARE COUNTIES

	Dental Counties (Shortage areas in blue)
1	Anderson
2	Bedford
3	Benton
4	Bledsoe
5	Blount
6	Bradley
7	Campbell
8	Cannon
9	Carroll
10	Carter
11	Cheatham
12	Chester
13	Claiborne
14	Clay
15	Cocke
16	Coffee
17	Crockett
18	Cumberland
19	Davidson
20	Decatur
21	Dekalb
22	Dickson
23	Dyer
24	Fayette
25	Fentress
26	Franklin
27	Gibson
28	Giles
29	Grainger
30	Greene
31	Grundy
32	Hamblen
33	Hamilton
34	Hancock
35	Hardeman
36	Hardin
37	Hawkins
38	Haywood
39	Henderson
40	Henry
41	Hickman
42	Houston
43	Humphreys
44	Jackson
45	Jefferson
46	Johnson
47	Knox
48	Lake

	Dental Counties (Shortage areas in blue)
49	Lauderdale
50	Lawrence
51	Lewis
52	Lincoln
53	Loudon
54	Macon
55	Madison
56	Marion
57	Marshall
58	Maury
59	McMinn
60	McNairy
61	Meigs
62	Monroe
63	Montgomery
64	Moore
65	Morgan
66	Obion
67	Overton
68	Perry
69	Pickett
70	Polk
71	Putnam
72	Rhea
73	Roane
74	Robertson
75	Rutherford
76	Scott
77	Sequatchie
78	Sevier
79	Shelby
80	Smith
81	Stewart
82	Sullivan
83	Sumner
84	Tipton
85	Trousdale
86	Unicoi
87	Union
88	Van Buren
89	Warren
90	Washington
91	Wayne
92	Weakley
93	White
94	Williamson
95	Wilson

Other Priority Areas
Diabetes, Stroke, Heart Disease
2005

Heart Disease	Stroke	Diabetes
Pickett	Cocke	Marion
Carroll	Clay	Scott
Crockett	Hamblen	Polk
Cocke	Smith	McMinn
Clay		Chester
Benton		Hamblen
		White

PRIMARY CARE SERVICES

Primary Care Providers

Primary care providers include Medical Doctors (M.D.), Doctors of Osteopathy (D.O.) and mid-level providers practicing as nurse practitioners, certified nurse midwives, and physician assistants; for whom area of practice is within the following specialties: general practice, family practice, pediatrics, internal medicine, obstetrics or obstetrics/gynecology, and general preventive medicine (public health). Primary care physicians in rural counties and mid-level providers in all counties were surveyed in 2004. The resultant data was tabulated for this report. Data on primary care physicians in the four metropolitan counties of Davidson, Hamilton, Knox, and Shelby was obtained by conducting county-specific surveys during 2004-2005.

The full-time equivalency of each primary care physicians' practice was calculated based on the number of self-reported hours a provider is in direct patient care that is not performing hospital or nursing home rounds, administrative work, teaching, etc. A standard of a forty (40) hour work week in direct patient care was considered the equivalent of one (1) full-time provider. Providers reporting over forty (40) hours a week were counted as no greater than 1.0 full-time equivalent (FTE).

In 2004, there were 2890.5 self-reported FTE primary care physicians actively practicing direct patient primary care in the state. Of this total 1219.4 FTE primary care physicians, or 42.2 percent, were reportedly practicing in the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby.

The full-time equivalency of each mid-level provider was calculated based on the number of self-reported hours spent in direct patient care divided by forty (40) hours. A standard of forty (40) hour work week in direct patient care was considered the equivalent of a forty percent (40%) or 0.4 full-time equivalent because national research indicates that mid-level providers spend more time on average with each patient than a physician.

Data for mid-levels showed that a total of 406.4 FTE primary care mid-level providers were actively practicing in the state. Of this total 283.1 FTE, or 69.7 percent, of all mid-levels in the state were located in the ninety-one (91) non-metropolitan counties.

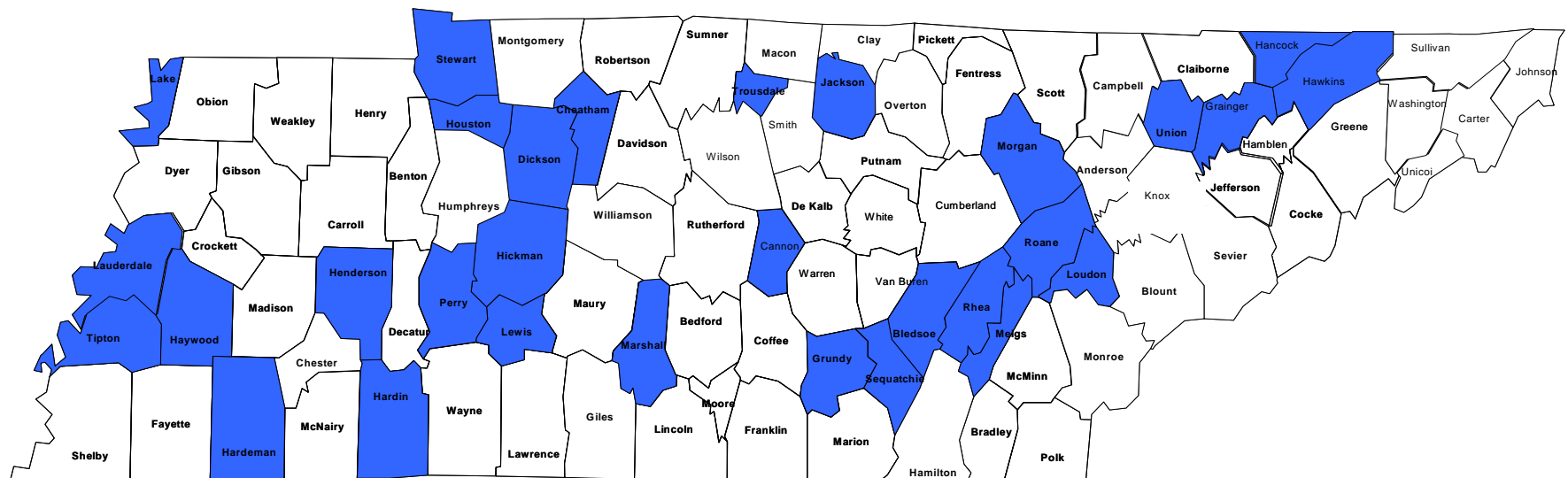
.

PRIMARY CARE INFORMATION							
URBAN REGIONS							
Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
35	DAVIDSON	587,279	43.7	332.8	1,765	376.5	1,560
59	HAMILTON	311,334	15.5	167.3	1,861	182.8	1,703
88	KNOX	393,486	28.5	253.5	1,552	282.0	1,395
5	SHELBY	921,268	35.6	465.8	1,978	501.4	1,837
URBAN	TOTAL	2,213,367	123.3	1,219.4	1,815	1,342.7	1,648
STATEWIDE PRIMARY CARE INFORMATION							
TOTALS							
Rational Service Area		2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
URBAN TOTALS		2,213,367	123.3	1,219.4	1,815	1,342.7	1,648
RURAL TOTALS		3,683,939	283.1	1,670.6	2,205	1,953.8	1,886
STATE TOTALS		5,897,306	406.4	2,890.5	2,040	3,296.5	1,789

Health Resource Shortage Areas for Primary Care

Provider shortage areas are designated by the Tennessee Department of Health to include rational service areas that displayed the highest ratio of total population to provider based on information obtained from the provider survey for each county. A map of these shortage areas for 2004 is on the next page.

Top 30 Health Resource Shortage Areas Primary Care - 2004



**RANKING OF PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	PRIMARY CARE SHORTAGE AREA RANK	RATIONAL SERVICE AREA PRIMARY RATIO
CHEATHAM	1	5,525
HAWKINS	2	4,769
DICKSON	3	4,227
LEWIS	4	3,893
PERRY	4	3,893
HENDERSON	6	3,763
JACKSON	7	3,659
TROUSDALE	8	3,598
SEQUATCHIE	9	3,434
HAYWOOD	10	3,422
UNION	11	3,406
MEIGS	12	3,403
HICKMAN	13	3,348
LAUDERDALE	14	3,310
TIPTON	15	2,964
CANNON	16	2,955
MARSHALL	17	2,951
LAKE	18	2,946
BLEDSON	19	2,941
RHEA	19	2,941
GRAINGER	21	2,839
ROANE	22	2,789
LOUDON	23	2,755
HOUSTON	24	2,727
STEWART	24	2,727
MORGAN	26	2,714
GRUNDY	27	2,664
HARDEMAN	28	2,637
HARDIN	29	2,629
HANCOCK	30	2,627
JOHNSON	31	2,578
HUMPHREYS	32	2,547
MONTGOMERY	33	2,527
GILES	34	2,418
FAYETTE	35	2,362
OVERTON	36	2,361
CROCKETT	37	2,334
SMITH	38	2,323
WILSON	38	2,323
WAYNE	40	2,306
FENTRESS	41	2,286
MARION	42	2,258
MACON	43	2,243
POLK	44	2,241
LAWRENCE	44	2,241
BEDFORD	46	2,233
COFFEE	46	2,233
MOORE	46	2,233

**RANKING OF PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	PRIMARY CARE SHORTAGE AREA RANK	RATIONAL SERVICE AREA PRIMARY RATIO
VANBUREN	48	2,161
WHITE	48	2,161
CHESTER	51	2,224
WEAKLEY	52	2,110
ROBERTSON	53	2,108
WARREN	54	2,107
MCNAIRY	55	2,087
MCMINN	56	2,005
LINCOLN	57	1,978
DECATUR	58	1,969
BLOUNT	59	1,967
GIBSON	60	1,955
WILLIAMSON	60	1,955
DEKALB	62	1,930
CUMBERLAND	63	1,922
DYER	64	1,915
RUTHERFORD	65	1,890
SUMNER	66	1,889
CLAIBORNE	67	1,873
SHELBY	68	1,837
OBION	69	1,811
HAMILTON	70	1,703
COCKE	71	1,686
BRADLEY	72	1,679
SEVIER	73	1,678
CAMPBELL	74	1,675
BENTON	75	1,656
HENRY	75	1,656
FRANKLIN	77	1,622
SCOTT	78	1,612
MONROE	79	1,611
PICKETT	80	1,590
DAVIDSON	81	1,560
MAURY	82	1,499
GREENE	83	1,481
JEFFERSON	84	1,461
HAMBLEN	85	1,449
PUTNAM	86	1,425
CLAY	87	1,414
KNOX	88	1,395
CARROLL	89	1,379
CARTER	90	1,356
UNICOI	90	1,356
WASHINGTON	90	1,356
ANDERSON	93	1,270
SULLIVAN	94	1,151
MADISON	95	1,112

REGIONAL PRIMARY CARE INFORMATION

PRIMARY CARE INFORMATION

NORTHEAST TENNESSEE

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
74	HANCOCK	6,829	1.6	1.0	6,829	2.6	2,627
79	HAWKINS	55,319	3.2	8.4	6,586	11.6	4,769
80	GREENE	64,421	4.7	38.8	1,660	43.5	1,481
82	SULLIVAN	153,937	9.5	124.3	1,238	133.8	1,151
83	CARTER	57,285	3.7	20.8	2,754	24.5	2,338
	UNICOI	17,834	1.6	7.8	2,286	9.4	1,897
	WASHINGTON	111,044	9.6	93.8	1,184	103.4	1,074
	SUB-TOTAL	186,163	14.9	122.4	1,521	137.3	1,356
84	JOHNSON	18,047	2.2	4.8	3,760	7.0	2,578
REGION TOTALS		484,716	36.1	299.7	1,617	335.8	1,443

■ SHORTAGE AREA IN BLUE

* RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

EAST TENNESSEE

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
60	SCOTT	22,081	2.6	11.1	1,989	13.7	1,612
61	MORGAN	20,352	1.2	6.3	3,230	7.5	2,714
62	ROANE	52,997	2.9	16.1	3,292	19.0	2,789
66	CAMPBELL	40,627	4.7	19.6	2,078	24.3	1,672
67	ANDERSON	71,770	4.4	52.1	1,378	56.5	1,270
68	LOUDON	41,048	1.7	13.2	3,110	14.9	2,755
69	MONROE	41,078	6.9	18.6	2,208	25.5	1,611
70	CLAIBORNE	30,722	2.6	13.8	2,226	16.4	1,873
71	UNION	19,076	1.8	3.8	5,020	5.6	3,406
73	BLOUNT	110,715	4.1	52.2	2,121	56.3	1,967
75	GRAINGER	21,575	1.5	6.1	3,537	7.6	2,839
76	HAMBLEEN	59,832	4.7	36.6	1,635	41.3	1,449
77	JEFFERSON	47,047	2.9	29.3	1,606	32.2	1,461
78	SEVIER	76,184	8.0	37.4	2,037	45.4	1,678
81	COCKE	34,728	4.1	16.5	2,105	20.6	1,686
REGION TOTALS		689,832	54.1	332.7	2,074	386.8	1,784

▪ SHORTAGE AREA IN BLUE

* RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

SOUTHEAST

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
44	FRANKLIN	40,385	2.0	22.9	1,764	24.9	1,622
50	GRUNDY	14,653	1.2	4.3	3,408	5.5	2,664
51	MARION	28,225	0.8	11.7	2,412	12.5	2,258
54	SEQUATCHIE	12,018	0.4	3.1	3,877	3.5	3,434
58	BLED SOE	12,748	0.8	2.9	4,396	3.7	3,445
	RHEA	29,308	1	9.6	3,053	10.6	2,765
	SUB TOTAL	42,056	1.8	12.5	3,364	14.3	2,941
63	MCMINN	50,719	4.0	21.3	2,381	25.3	2,005
63A	MEIGS	11,570	0.4	3.0	3,857	3.4	3,403
64	BRADLEY	91,661	5.4	49.2	1,863	54.6	1,679
65	POLK	16,360	0.4	6.9	2,371	7.3	2,241
REGION TOTALS		307,647	16.4	134.9	2,281	151.3	2,033

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

UPPER CUMBERLAND

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
39	MACON	21,306	3.0	6.5	3,278	9.5	2,243
41	SMITH	18,586	3.3	10.4	1,787	13.7	1,357
	WILSON	95,228	9.2	26.1	3,649	35.3	2,698
	SUB TOTAL	113,814	12.5	36.5	3,118	49.0	2,323
42	CANNON	13,298	1.1	3.4	3,911	4.5	2,955
45	CLAY	8,061	1.0	4.7	1,715	5.7	1,414
46	JACKSON	11,342	1.1	2.0	5,671	3.1	3,659
47	PUTNAM	65,387	11.2	34.7	1,884	45.9	1,425
48	DEKALB	18,138	0.0	9.4	1,930	9.4	1,930
49	WARREN	39,610	3.4	15.4	2,572	18.8	2,107
52	OVERTON	20,539	0.7	8.0	2,567	8.7	2,361
53	VAN BUREN	5,616	0.0	0.1	5,616	0.1	5,616
	WHITE	23,777	1.7	11.8	2,015	13.5	1,761
	SUB TOTAL	29,393	1.7	11.9	2,470	13.6	2,161
55	PICKETT	5,087	1.1	2.1	2,422	3.2	1,590
56	FENTRESS	17,145	2.7	4.8	3,572	7.5	2,286
57	CUMBERLAND	49,393	2.0	23.7	2,084	25.7	1,922
REGION TOTALS		412,513	41.5	161.9	2,548	203.4	2,028

■ SHORTAGE AREA IN BLUE

* RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

MID-CUMBERLAND

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Physician to Population Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
21	HOUSTON STEWART SUB TOTAL	8,190 13,079 21,269	1.1 0.3 1.4	2.7 3.7 6.4	3,033 3,535 3,323	3.8 4.0 7.8	2,155 3,270 2,727
22	HUMPHREYS	18,340	1.2	6.0	3,057	7.2	2,547
25	MONTGOMERY	142,547	5.7	50.7	2,812	56.4	2,527
26	DICKSON	45,234	4.4	6.3	7,180	10.7	4,227
29	ROBERTSON	58,390	4.6	23.1	2,528	27.7	2,108
30	CHEATHAM	38,124	1.8	5.1	7,475	6.9	5,525
31	WILLIAMSON	140,296	11.2	60.6	2,317	71.8	1,955
34	SUMNER	138,465	8.4	64.9	2,134	73.3	1,889
36	RUTHERFORD	199,205	18.7	86.7	2,298	105.4	1,890
40	TROUSDALE	7,555	0.4	1.7	4,444	2.1	3,598
41	SMITH WILSON SUB TOTAL	18,586 95,228 113,814	3.3 9.2 12.5	10.4 26.1 36.5	1,787 3,649 3,118	13.7 35.3 49.0	1,357 2,698 2,323
REGION TOTALS		923,239	70.3	348.0	2,653	418.3	2,207

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

SOUTH CENTRAL

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Physician to Population Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
23	LEWIS PERRY Sub-Total	11,766 7,701 19,467	0.2 1.1 1.3	3.0 0.7 3.7	3,922 11,001 5,261	3.2 1.8 5.0	3,677 4,278 3,893
24	WAYNE	17,293	0.8	6.7	2,581	7.5	2,306
27	HICKMAN	23,774	1.6	5.5	4,323	7.1	3,348
28	LAWRENCE	41,012	2.4	15.9	2,579	18.3	2,241
32	MAURY	72,999	6.4	42.3	1,726	48.7	1,499
33	GILES	29,985	1.5	10.9	2,751	12.4	2,418
37	MARSHALL	28,030	1.5	8.0	3,504	9.5	2,951
38	LINCOLN	32,241	1.4	14.9	2,164	16.3	1,978
43	BEDFORD COFFEE MOORE Sub-Total	40,215 49,882 5,911 96,008	3.4 7.1 0.8 11.3	11.6 19.3 0.8 31.7	3,467 2,585 7,389 3,029	15 26.4 1.6 43.0	2,681 1,889 3,694 2,233
REGION TOTALS		360,809	28.2	139.6	2,585	167.8	2,150

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PRIMARY CARE INFORMATION

WEST

Rational Service Area	County	2004 Total Population	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Physician to Population Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
<i>1</i>	LAKE	7,954	0.4	2.3	3,458	2.7	2,946
2	DYER	37,918	2.6	17.2	2,205	19.8	1,915
6	OBION	32,785	2.6	15.5	2,115	18.1	1,811
7	GIBSON	48,495	2.5	22.3	2,175	24.8	1,955
10	WEAKLEY	35,451	3.6	13.2	2,686	16.8	2,110
13	CROCKETT	14,939	3.0	3.4	4,394	6.4	2,334
15	BENTON	16,759	1.5	6.0	2,793	7.5	2,235
	HENRY	31,600	0.4	21.3	1,484	21.7	1,456
	SUB TOTAL	48,359	1.9	27.3	1,771	29.2	1,656
16	CARROLL	29,928	4.6	17.1	1,750	21.7	1,379
3	LAUDERDALE	28,135	0.9	7.6	3,702	8.5	3,310
4	TIPTON	54,836	3.4	15.1	3,632	18.5	2,964
8	HAYWOOD	19,846	1.7	4.1	4,840	5.8	3,422
9	FAYETTE	30,711	2.1	10.9	2,818	13.0	2,362
11	MADISON	94,654	10.5	74.6	1,269	85.1	1,112
12	CHESTER	16,233	1.4	5.9	2,751	7.3	2,224
14	HARDEMAN	29,267	2.0	9.1	3,216	11.1	2,637
17	HENDERSON	26,344	1.2	5.8	4,542	7.0	3,763
18	DECATUR	11,814	0.9	5.1	2,316	6.0	1,969
19	MCNAIRY	25,042	2.5	9.5	2,636	12.0	2,087
20	HARDIN	26,286	1.2	8.8	2,987	10.0	2,629
REGION TOTALS		618,997	49.0	275	2,253	323.8	1,912

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

OBSTETRICAL SERVICES

Obstetric Providers

The full-time equivalency of obstetric providers is calculated from the provider's percentage of practice devoted to obstetrics multiplied by the number of hours the provider reported as spent in direct patient care. An obstetrician/gynecologist and an obstetrician (Medical Doctor or Doctor of Osteopathy) are counted as one-hundred (100) percent obstetrical providers. Other providers, including mid-levels, were asked the actual percent of practice devoted to either prenatal services or prenatal and delivery. This reported percentage was used to calculate each full-time equivalent (FTE) obstetric provider.

In 2004, there were 216.698 self-reported FTE obstetric physicians estimated to be actively practicing direct patient primary care in the state. Of this total 121.408 FTE obstetric physicians, or 56 percent, were reportedly practicing in the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby.

In addition, 34.54 FTE mid-level providers offered obstetrical care in Tennessee in 2004. Of this total 18.089 FTE, or 52.4 percent, of all mid-levels in the state were located in the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby.

Nineteen (19) of the state's ninety-five (95) counties reported no OB provider. The primary reason a county may have no OB provider is the absence of a medical facility offering obstetric delivery services. The absence of an OB provider is commonly due to the few numbers of births annually to the residents of a county and/or close proximity to services in a neighboring county.

Overall, Shelby County had a total of 48.265 FTE obstetric physicians, or 22.2 percent of the 216.698 FTE obstetric physicians available statewide. Accordingly, 22.4 percent of all the recorded births from 2002 to 2004 for the state occurred in Shelby County.

OBSTETRIC CARE INFORMATION

URBAN REGIONS

Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid-Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
13	DAVIDSON	46,240	15,413.33	136,828	587,279	35.039	4.318	39.357	392	3,477	14,922
4	HAMILTON	19,913	6,637.67	64,484	311,334	14.099	2.095	16.194	410	3,982	19,226
28	KNOX	26,811	8,937	86,466	393,486	24.005	3.895	27.900	320	3,099	14,103
3	SHELBY	52,056	17,352.0	207,118	921,268	48.265	2.457	50.722	342	4,083	18,163
URBAN	TOTAL	145,020	48,340	494,896	2,213,367	121.408	18.089	139.497	347	3,548	15,867

STATEWIDE OBSTETRIC CARE INFORMATION

STATE TOTALS

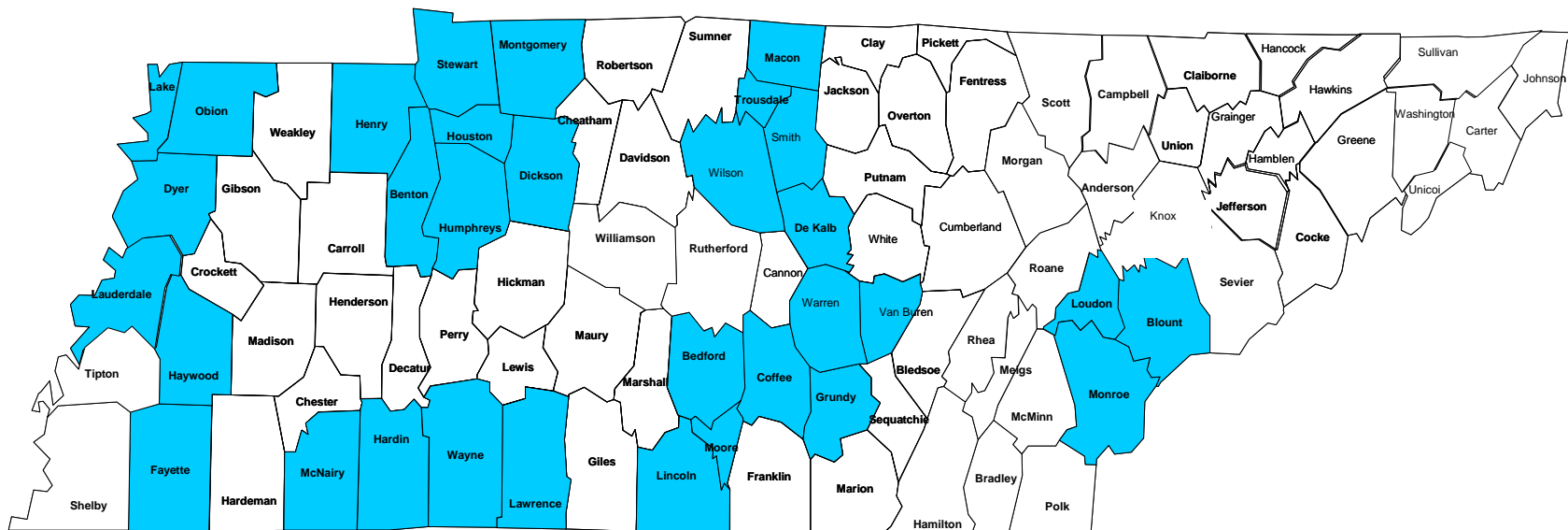
Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid-Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
	URBAN	145,020	48,340	494,896	2,213,367	121.408	18.089	139.497	347	3,548	15,867
	RURAL	106,459	58395.7	751285	3,683,939	95.290	16.451	111.741	523	6,723	32,969
	STATE	251,479	106,735.7	1,246,181	5,897,306	216.698	34.540	251.238	425	4,960	23,473

Health Resource Shortage Areas for Obstetrics

In 1998, rational service areas for obstetrics were redrawn based on an in-depth analysis of patterns of patient migration, changes in health resources, and input from local agencies. There were 37 rational service areas for obstetrical care designated. These areas are analyzed annually and any necessary changes in the configuration resulting from the analysis are made. Changes can also be made after notification to the Office of Health Access of significant changes in the availability of OB services in a specific area.

By rank ordering from worst to best the ratios of obstetric providers to female population ages 15-44 years, the Tennessee Department of Health has identified counties that have inadequate obstetrical services. The rational service area ratio of OB providers to women of childbearing age was ranked for each county.

Top 30 Health Resource Shortage Areas Obstetrics - 2004



**RANKING OF OBSTETRIC
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	OBSTETRIC CARE SHORTAGE AREA RANK	RATIONAL SERVICE AREA OBSTETRIC RATIO
HAYWOOD	1	No OB
DEKALB	2	71,440
FAYETTE	3	40,472
DICKSON	4	21,161
HUMPHREYS	4	21,161
GRUNDY	5	13,533
VAN BUREN	5	13,533
WARREN	5	13,533
HARDIN	9	13,430
MCNAIRY	9	13,430
LAWRENCE	11	11,292
WAYNE	11	11,292
HOUSTON	13	10,590
MONTGOMERY	13	10,590
STEWART	13	10,590
BENTON	16	10,302
HENRY	16	10,302
MACON	18	9,317
SMITH	18	9,317
TROUSDALE	18	9,317
WILSON	18	9,317
LINCOLN	22	8,890
BLOUNT	23	8,865
LOUDON	23	8,865
MONROE	23	8,865
DYER	26	8,240
LAKE	26	8,240
LAUDERDALE	26	8,240
OBION	26	8,240
BEDFORD	30	8,193
COFFEE	30	8,193
MOORE	30	8,193
ANDERSON	33	8,187
MORGAN	33	8,187
ROANE	33	8,187
GILES	36	8,022
HICKMAN	36	8,022
LEWIS	36	8,022
MARSHALL	36	8,022
MAURY	36	8,022
PERRY	36	8,022
COCKE	42	7,811
CARROLL	43	7,785
WEAKLEY	43	7,785
CUMBERLAND	45	7,670
SEVIER	46	7,576
BRADLEY	47	7,242

**RANKING OF OBSTETRIC
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	OBSTETRIC CARE SHORTAGE AREA RANK	RATIONAL SERVICE AREA OBSTETRIC RATIO
MEIGS	47	7,242
POLK	47	7,242
SCOTT	51	7,009
FENTRESS	52	6,985
ROBERTSON	53	6,302
CANNON	54	6,240
RUTHERFORD	54	6,240
HAWKINS	56	4,956
SULLIVAN	56	4,956
CLAY	58	4,906
OVERTON	58	4,906
PICKETT	58	4,906
FRANKLIN	61	4,888
BLEDSON	62	4,788
HAMILTON	62	4,788
MARION	62	4,788
RHEA	62	4,788
SEQUATCHIE	62	4,788
GREENE	67	4,394
CHEATHAM	68	4,276
DAVIDSON	68	4,276
SUMNER	68	4,276
WILLIAMSON	68	4,276
SHELBY	72	4,238
TIPTON	72	4,238
CARTER	74	3,975
JOHNSON	74	3,975
UNICOI	74	3,975
WASHINGTON	74	3,975
GRAINGER	78	3,865
HAMBLETON	78	3,865
HANCOCK	78	3,865
JEFFERSON	78	3,865
JACKSON	82	3,752
PUTNAM	82	3,752
WHITE	82	3,752
CHESTER	85	3,691
CROCKETT	85	3,691
DECATUR	85	3,691
GIBSON	85	3,691
HARDEMAN	85	3,691
HENDERSON	85	3,691
MADISON	85	3,691
CAMPBELL	92	3,529
CLAIBORNE	92	3,529
KNOX	92	3,529
UNION	92	3,529

OBSTETRIC INFORMATION

OBSTETRIC INFORMATION

Shortage areas in blue

Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid- Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
<i>1</i>	DYER	1,454	484.7	7,714	37,918	1.330	0.286	1.616	300	4,774	23,464
	LAKE	0	0.0	1,102	7,954	0.019	0.000	0.019	0	58,000	418,632
	LAUDERDALE	8	2.7	5,323	28,135	0.000	0.000	0.000	0	0	0
	OBION	901	300.3	6,215	32,785	0.660	0.175	0.835	360	7,443	39,263
	Sub-Total	2,363	787.7	20,354	106,792	2.009	0.461	2.470	319	8,240	43,236
<i>2</i>	FAYETTE	14	4.7	5,828	30,711	0.023	0.121	0.144	33	40,472	213,271
<i>3</i>	SHELBY	52,056	17,352.0	207,118	921,268	48.265	2.457	50.722	342	4,083	18,163
	TIPTON	1,361	453.7	11,811	54,836	0.939	0.000	0.939	483	12,578	58,398
	Sub-Total	53,417	17,805.7	218,929	976,104	49.204	2.457	51.661	345	4,238	18,894
<i>4</i>	CARROLL	1,248	416.0	5,757	29,928	0.705	0.420	1.125	370	5,117	26,603
	WEAKLEY	943	314.3	7,932	35,451	0.484	0.150	0.634	496	12,511	55,916
	Sub-Total	2,191	783.4	13,689	65,379	1.188	0.570	1.758	446	7,787	37,189
<i>5</i>	HAYWOOD	10	3.3	4,125	19,846	0.000	0.000	0.000	0	0	0
<i>6</i>	CHESTER	6	2.0	3,540	16,233	0.000	0.000	0.000	0	0	0
	CROCKETT	2	0.7	2,983	14,939	0.000	0.183	0.183	4	16,301	81,634
	DECATUR	1	0.3	2,090	11,814	0.000	0.000	0.000	0	0	0
	GIBSON	318	106.0	9,262	48,495	0.643	0.099	0.741	143	12,499	65,445
	HARDEMAN	16	5.3	5,165	29,267	0.873	0.169	1.042	5	4,957	28,087
	HENDERSON	210	70.0	5,359	26,344	0.340	0.000	0.340	206	15,762	77,482
	MADISON	4,373	1,457.7	20,735	94,654	7.736	3.270	11.006	132	1,884	8,600
	Sub-Total	4,926	1,642.0	49,134	241,746	9.591	3.720	13.311	123	3,691	18,161
<i>7</i>	BENTON	2	0.7	2,977	16,759	0.019	0.000	0.019	37	156,684	882,052
	HENRY	1,206	402.0	5,862	31,600	0.839	0.000	0.839	479	6,987	37,664
	Sub-Total	1,208	402.7	8,839	48,359	0.858	0.000	0.858	469	10,302	56,362
<i>8</i>	HARDIN	228	76.0	4,781	26,286	0.170	0.004	0.174	437	27,477	151,069
	MCNAIRY	3,507	1,169.0	4,647	25,042	0.480	0.048	0.528	2,214	8,801	47,428
	Sub-Total	3,735	383.6	9,428	51,328	0.650	0.052	0.702	546	13,430	73,117
<i>9</i>	HOUSTON	1	0.3	1,456	8,190	0.080	0.000	0.080	4	18,200	102,375
	MONTGOMERY	8,978	2,992.7	34,036	142,547	3.230	0.280	3.510	853	9,697	40,612
	STEWART	2	0.7	2,527	13,079	0.000	0.000	0.000	0	0	0
	Sub-Total	8,981	2,993.7	38,019	163,816	3.310	0.280	3.590	834	10,590	45,631
<i>10</i>	DICKSON	1,567	522.3	9,413	45,234	0.413	0.196	0.609	858	15,456	74,276
	HUMPHREYS	0	0.0	3,474	18,340	0.000	0.000	0.000	0	0	0
	Sub-Total	1,567	522.3	12,887	63,574	0.413	0.196	0.609	858	21,161	104,391

OBSTETRIC INFORMATION

Shortage areas in blue

Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid-Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
11	GILES	698	232.7	5,936	29,985	0.595	0.004	0.599	388	9,910	50,058
	HICKMAN	10	3.3	4,413	23,774	0.040	0.008	0.048	69	91,938	495,292
	LEWIS	41	13.7	2,295	11,766	0.000	0.000	0.000	0	0	0
	MARSHALL	6,921	2,307.0	5,808	28,030	0.075	0.024	0.099	23,033	58,667	283,131
	MAURY	1,670	556.7	15,352	72,999	3.595	0.040	3.635	153	4,223	20,082
	PERRY	33	11.0	1,369	7,701	0.000	0.004	0.004	2,750	342,250	1,925,250
	Sub-Total	9,373	3,124.3	35,173	174,255	4.305	0.080	4.385	712	8,021	39,739
12	LAWRENCE	952	317.3	8,207	41,012	0.855	0.040	0.895	355	9,170	45,823
	WAYNE	110	36.7	2,916	17,293	0.090	0.000	0.090	408	32,400	192,144
	Sub-Total	1,062	354.0	11,123	58,305	0.945	0.040	0.985	359	11,292	59,193
13	CHEATHAM	12	4.0	8,324	38,124	0.000	0.000	0.000	0	0	0
	DAVIDSON	46,240	15,413.3	136,828	587,279	35.039	4.318	39.357	392	3,477	14,922
	SUMNER	3,823	1,274.3	29,119	138,465	4.509	0.000	4.509	283	6,458	30,709
	WILLIAMSON	2,443	814.3	30,079	140,296	3.774	0.148	3.922	208	7,669	35,772
	Sub-Total	52,518	17,338.6	204,350	904,164	43.322	4.446	47.788	363	4,276	18,920
14	ROBERTSON	2,007	669.0	12,402	58,390	1.912	0.056	1.968	340	6,302	29,670
15	MACON	816	272.0	4,338	21,306	0.000	0.031	0.031	8,774	139,935	687,290
	SMITH	257	85.7	3,837	18,586	0.597	0.092	0.689	124	5,569	26,975
	TROUSDALE	4	1.3	1,489	7,555	0.000	0.000	0.000	0	0	0
	WILSON	2,238	746.0	20,094	95,228	2.211	0.263	2.474	302	8,122	38,492
	Sub-Total	3,315	874.9	29,758	142,675	2.809	0.385	3.194	274	9,317	44,670
16	CANNON	9	3.0	2,706	13,298	0.000	0.320	0.320	9	8,456	41,556
	RUTHERFORD	7,432	2,477.3	47,650	199,205	6.086	1.664	7.750	320	6,148	25,704
	Sub-Total	7,441	2,480.3	50,356	212,503	6.086	1.984	8.070	307	6,240	26,332
17	BEDFORD	770	256.7	8,278	40,215	0.418	0.497	0.915	281	9,047	43,951
	COFFEE	2,183	727.7	9,861	49,882	1.200	0.194	1.394	522	7,074	35,783
	MOORE	0	0.0	1,048	5,911	0.000	0.033	0.033	0	31,758	179,121
	Sub-Total	2,953	984.3	19,187	96,008	1.618	0.724	2.342	420	8,193	40,994
18	LINCOLN	902	300.7	6,196	32,241	0.690	0.007	0.697	431	8,890	46,257
19	FRANKLIN	1,395	465.0	8,089	40,385	1.575	0.080	1.655	281	4,888	24,402
20	CLAY	4	1.3	1,542	8,061	0.000	0.000	0.000	0	0	0
	OVERTON	1,097	365.7	3,917	20,539	1.200	0.100	1.300	281	3,013	15,799
	PICKETT	0	0.0	919	5,087	0.000	0.000	0.000	0	0	0
	Sub-Total	1,101	367.0	6,378	33,687	1.200	0.100	1.300	282	4,906	25,913

OBSTETRIC INFORMATION

Shortage areas in blue

Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid-Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
21	JACKSON	6	2.0	2,122	11,342	0.750	0.000	0.750	3	2,829	15,123
	PUTNAM	3,315	1,105.0	13,863	65,387	3.792	0.276	4.068	272	3,408	16,074
	WHITE	462	154.0	4,550	23,777	0.630	0.025	0.655	235	6,947	36,301
	Sub-Total	3,783	1,261.0	20,535	100,506	5.172	0.301	5.473	230	3,752	18,364
21A	FENTRESS	315	105.0	3,332	17,145	0.365	0.112	0.477	220	6,985	35,943
22	GRUNDY	12	4.0	2,848	14,653	0.000	0.020	0.020	200	142,400	732,650
	VAN BUREN	0	0.0	1,061	5,616	0.000	0.000	0.000	0	0	0
	WARREN	1,797	599.0	7,905	39,610	0.748	0.105	0.853	702	9,267	46,436
	Sub-Total	1,809	603.0	11,814	59,879	0.748	0.125	0.873	691	13,533	68,590
22A	DEKALB	120	40.0	3,572	18,138	0.050	0.000	0.050	800	71,440	362,760
23	CUMBERLAND	1,933	644.3	8,456	49,393	1.103	0.000	1.103	584	7,666	44,781
24	BLEDSON	4	1.3	2,198	12,748	0.000	0.000	0.000	0	0	0
	HAMILTON	19,913	6,637.7	64,484	311,334	14.649	2.095	16.194	396	3,851	18,594
	MARION	40	13.3	5,535	28,225	0.008	0.000	0.008	1,778	738,000	3,763,333
	RHEA	8	2.7	5,957	29,308	0.039	0.000	0.039	68	152,256	749,086
	SEQUATCHIE	5	1.7	2,409	12,018	0.040	0.000	0.040	42	60,225	300,450
	Sub-Total	19,970	6,656.7	80,583	393,633	14.836	2.095	16.280	396	4,788	23,387
25	BRADLEY	3,049	1,016.3	19,854	91,661	2.091	0.826	2.917	348	6,806	31,423
	MCMINN	410	136.7	10,033	50,719	1.696	0.256	1.952	70	5,140	25,983
	MEIGS	6	2.0	2,291	11,570	0.000	0.000	0.000	0	0	0
	POLK	16	5.3	3,081	16,360	0.000	0.000	0.000	0	0	0
	Sub-Total	3,481	1,160.3	35,259	170,310	3.787	1.082	4.869	238	7,242	34,987
26	ANDERSON	2,903	967.7	13,815	71,770	2.405	0.475	2.880	336	4,797	24,920
	MORGAN	1	0.3	3,708	20,352	0.170	0.116	0.286	1	12,965	71,161
	ROANE	9	3.0	9,755	52,997	0.094	0.072	0.166	18	58,765	319,259
	Sub-Total	2,913	971.0	27,278	145,119	2.669	0.663	3.332	291	8,187	43,553
27	SCOTT	449	149.7	4,542	22,081	0.550	0.098	0.648	231	7,009	34,076
28	CAMPBELL	689	229.7	7,947	40,627	0.900	0.084	0.984	233	8,074	41,275
	CLAIBORNE	4	1.3	6,257	30,722	0.255	0.000	0.255	5	24,537	120,478
	KNOX	26,811	8,937.0	86,466	393,486	24.005	3.895	27.900	320	3,099	14,103
	UNION	0	0.0	4,014	19,076	0.180	0.349	0.529	0	7,595	36,095
	Sub-Total	27,504	8905.9	104,684	483,911	25.340	4.328	29.668	300	3,529	16,311

OBSTETRIC INFORMATION

Shortage areas in blue

Rational Service Area	County	Recorded County Births '02-04	Avg. Recorded Births '02-04	2004 Pop Females 15-44 Years	2004 Total Population	Physicians OB FTE Total	Mid-Level OB FTE's	Total (COMBINED) FTE's	Avg. Recorded Births to Total OB FTE Ratio (X:1)*	Female Population (15-44) to Total OB FTE Ratio (X:1)*	Total Population to Total OB FTE Ratio (X:1)*
29	BLOUNT	2,391	797.0	22,373	110,715	1.535	0.256	1.791	445	12,492	61,817
	LOUDON	14	4.7	7,269	41,048	0.180	0.108	0.288	16	25,240	142,528
	MONROE	1,056	352.0	8,142	41,078	0.904	1.279	2.183	161	3,730	18,817
	Sub-Total	3,461	1,129.9	37,784	192,841	2.619	1.643	4.262	265	8,865	45,247
30	GRAINGER	1	0.3	4,332	21,575	0.010	0.004	0.014	21	307,429	1,541,071
	HAMBLEN	3,673	1,224.3	11,653	59,832	4.046	0.400	4.446	275	2,621	13,457
	HANCOCK	4	1.3	1,304	6,829	0.000	0.030	0.030	43	43,467	227,633
	JEFFERSON	474	158.0	9,844	47,047	2.258	0.272	2.530	62	3,891	18,596
	Sub-Total	4,152	1,384.0	27,133	135,283	6.313	0.706	7.019	197	3,866	19,274
31	SEVIER	2,209	736.3	15,400	76,184	1.453	0.580	2.033	362	7,575	37,474
32	HAWKINS	6	2.0	11,191	55,319	0.000	0.120	0.120	17	93,258	460,992
	SULLIVAN	8,063	2,687.7	29,233	153,937	7.817	0.220	8.037	334	3,637	19,154
	Sub-Total	8,069	2,740.4	40,424	209,256	7.817	0.340	8.157	336	4,956	25,654
33	GREENE	2,011	670.3	12,577	64,421	2.493	0.370	2.863	234	4,393	22,501
34	COCKE	545	181.7	6,827	34,728	0.720	0.154	0.874	208	7,811	39,735
35	CARTER	1,335	445.0	11,566	57,285	1.629	0.120	1.749	254	6,613	32,753
	JOHNSON	9	3.0	3,121	18,047	0.020	0.040	0.060	50	52,017	300,783
	UNICOI	3	1.0	3,221	17,834	0.010	0.020	0.030	33	107,367	594,467
	WASHINGTON	6,929	2,309.7	23,829	111,044	8.001	0.660	8.661	267	2,751	12,821
	Sub-Total	8,276	2,758.7	41,737	204,210	9.660	0.840	10.500	263	3,975	19,449
	Grand Total	251,479	82,385	1,246,181	5,897,306	216.698	29.215	245.913	335	5,068	23,981

PEDIATRIC SERVICES

Pediatric Providers

Pediatric primary care providers include Medical Doctors (M.D.s) and Doctor of Osteopathy (D.O.s), as well as mid-level providers licensed as nurse practitioners and physician assistants, with the specialty of general pediatrics. In addition, other specialties were asked if they provided general pediatric care and, if so, what percent of the practice was devoted to that care in order to calculate a full-time equivalency of pediatric providers.

Primary care physicians in rural counties were surveyed in 2004. The resultant data was tabulated for this report. Data on pediatric physicians in the four metropolitan counties of Davidson, Hamilton, Knox, and Shelby was obtained by conducting county-specific surveys during 2004 - 2005. The full-time pediatric equivalency of each physician's practice was calculated based on the number of self-reported hours a provider is in direct patient care-that is, not performing hospital or nursing home rounds, administrative work, teaching, etc. A standard of a forty (40) hour work week in direct patient care was considered the equivalent of one (1) full-time provider. Those reporting over forty (40) hours a week were counted as no greater than 1.0 full-time equivalent (FTE).

In 2004, there were a total of 681.0 self-reported FTE general pediatric physicians actively practicing direct pediatric primary care in the state. Of this total 284 FTE, or 41.7 percent, pediatric physicians reported practicing in one of the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby. Accordingly, 397.0 FTE or 58.4 percent of pediatric physicians reported practicing in the rural counties. The distribution of pediatric providers did begin to mirror that of the population, ages 0-17 years, in the state. Approximately 62.3 percent of the pediatric population resided in the ninety-one (91) rural counties, where 58.4 percent of all reported FTE pediatric physicians were also located in 2004. An increase of 21.4 percent from 2003, when 37 percent of all reported FTE pediatric physicians were located in the ninety-one (91) rural counties of the state.

The full-time equivalency of the each mid-level provider was calculated based on the number of self-reported hours spent in direct patient care divided by forty (40) hours. A standard of forty (40) hour work week in direct patient care was considered the equivalent of a forty percent (40%) or .4 full-time equivalent because national research indicates that mid-level providers spend more time on average with each patient than a physician.

Data for pediatric mid-levels show that a total of 98.5 FTE pediatric primary care providers were actively practicing in the state. Of this total 27.4 FTE, or 27.8 percent of these pediatric mid-levels reported practicing in the one of the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby.

PEDIATRIC CARE INFORMATION

URBAN REGIONS

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
35	DAVIDSON	128,745	9.5	72.1	1,786	81.6	1,578
59	HAMILTON	70,397	3.2	41.2	1,709	44.4	1,586
71	KNOX	87,424	6.5	59.6	1,467	66.1	1,323
5	SHELBY	255,881	8.2	111.1	2,303	119.3	2,145
URBAN	TOTAL	542,447	27.4	284.0	1,910	311.4	1,742

STATEWIDE PEDIATRIC CARE INFORMATION

TOTAL

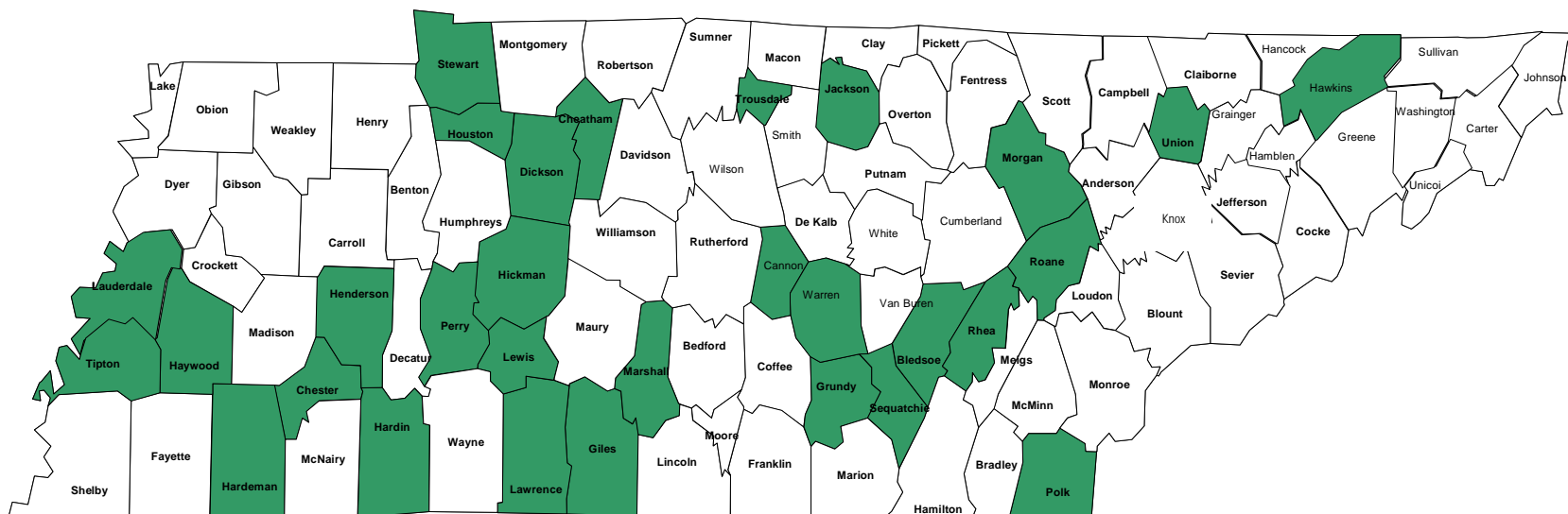
Rational Service Area	2004 Total Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
URBAN TOTALS	542,447	27.4	284.0	1,910	311.4	1,742
RURAL TOTALS	894,977	71.1	397.0	2,254	468.1	1,911
STATE TOTALS	1,437,424	98.5	681.0	2,110	779.5	1,844

Note: Estimates are based on data obtained from the Office of Health Statistics and the Bureau of Health Licensure and Regulation and also from surveys of health care providers.

Health Resource Shortage Areas for Pediatric Primary Care

Health resource shortage areas for pediatrics are designated by the Tennessee Department of Health to include counties or groups of counties that displayed the highest ratios of pediatric providers to the pediatric population. A map of these pediatric shortage areas is on the next page.

Top 30 Health Resource Shortage Areas Pediatric Care - 2004



**RANKING OF PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	PEDIATRIC CARE RANK	RATIONAL SERVICE AREA PEDIATRIC RATIO
CHEATHAM	1	8,723
LAUDERDALE	2	7,700
CANNON	3	6,752
HAWKINS	4	6,466
JACKSON	5	6,340
TROUSDALE	6	6,027
UNION	7	4,946
LEWIS	8	4,890
PERRY	8	4,890
HOUSTON	10	4,745
STEWART	10	4,745
GRUNDY	12	4,586
HENDERSON	13	4,553
DICKSON	14	4,276
ROANE	15	4,264
TIPTON	16	3,620
GILES	17	3,606
HARDIN	18	3,557
BLEDSON	19	3,335
RHEA	19	3,335
SEQUATCHIE	21	3,328
WARREN	22	2,990
MARSHALL	23	2,961
LAWRENCE	24	2,941
MORGAN	25	2,931
CHESTER	26	2,909
HARDEMAN	27	2,898
HICKMAN	28	2,820
HAYWOOD	29	2,699
POLK	30	2,696
WAYNE	31	2,600
GIBSON	32	2,573
CUMBERLAND	33	2,572
VERTON	34	2,502
MONTGOMERY	35	2,488
CLAIBORNE	36	2,416
FENTRESS	37	2,379
SMITH	38	2,373
WILSON	38	2,373
ROBERTSON	40	2,369
WEAKLEY	41	2,341
LOUDON	42	2,307
MCNAIRY	43	2,282
SUMNER	44	2,261
MCMINN	45	2,219
MEIGS	45	2,219

**RANKING OF PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	PEDIATRIC CARE RANK	RATIONAL SERVICE AREA PEDIATRIC RATIO
DEKALB	47	2,209
FAYETTE	48	2,204
HANCOCK	49	2,173
SHELBY	50	2,145
CROCKETT	51	2,112
RUTHERFORD	52	2,085
VANBUREN	53	2,083
WHITE	53	2,083
GRAINGER	55	2,063
MACON	56	1,920
LINCOLN	57	1,860
BEDFORD	58	1,842
COFFEE	58	1,842
MOORE	58	1,842
SCOTT	61	1,827
DECATUR	62	1,817
MARION	63	1,803
BRADLEY	64	1,798
DYER	65	1,763
JOHNSON	66	1,759
SEVIER	67	1,656
JEFFERSON	67	1,656
CAMPBELL	69	1,624
HUMPHREYS	70	1,618
MAURY	71	1,617
BLOUNT	72	1,611
FRANKLIN	73	1,597
HAMILTON	74	1,586
DAVIDSON	75	1,578
OBION	75	1,578
BENTON	77	1,574
HENRY	77	1,574
CLAY	79	1,543
GREENE	80	1,488
WILLIAMSON	81	1,453
COCKE	82	1,419
CARROLL	83	1,396
PUTNAM	84	1,332
KNOX	85	1,323
LAKE	86	1,300
MONROE	87	1,284
HAMBLEN	88	1,271
MADISON	89	1,241
CARTER	90	1,153
UNICOI	89	1,153
WASHINGTON	89	1,153
SULLIVAN	93	1,148
PICKETT	94	963
ANDERSON	95	904

REGIONAL PEDIATRIC CARE INFORMATION

PEDIATRIC CARE INFORMATION

NORTHEAST

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
74	HANCOCK	1,521	0.5	0.2	7,605	0.7	2,173
79	HAWKINS	12,932	0.6	1.4	9,237	2.0	6,466
80	GREENE	14,432	0.8	8.9	1,622	9.7	1,488
82	SULLIVAN	33,530	3.8	25.4	1,320	29.2	1,148
83	CARTER	12,235	1.0	4.9	2,497	5.9	2,074
	UNICOI	3,654	0.3	0.7	5,220	1.0	3,654
	WASHINGTON	23,652	1.2	26.3	899	27.5	860
	SUB TOTAL	39,541	2.5	31.8	1,243	34.3	1,153
84	JOHNSON	3,518	1.0	1.0	3,518	2.0	1,759
REGION TOTALS		105,474	9.2	68.8	1,534	78.0223	1,352

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

EAST TENNESSEE

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
60	SCOTT	5,663	0.7	2.4	2,360	3.1	1,827
61	MORGAN	4,690	0.5	1.1	4,264	1.6	2,931
62	ROANE	11,938	0.6	2.2	5,426	2.8	4,264
66	CAMPBELL	9,094	1.6	4.0	2,274	5.6	1,624
67	ANDERSON	16,461	1.0	17.2	957	18.2	904
68	LOUDON	8,766	0.7	3.1	2,828	3.8	2,307
69	MONROE	10,142	1.5	6.4	1,585	7.9	1,284
70	CLAIBORNE	7,007	0.7	2.2	3,185	2.9	2,416
71	UNION	4,946	0.4	0.6	8,243	1.0	4,946
73	BLOUNT	24,976	1.1	14.4	1,734	15.5	1,611
75	GRAINGER	4,950	0.6	1.8	2,750	2.4	2,063
76	HAMBLÉN	13,980	1.1	9.9	1,412	11.0	1,271
77	JEFFERSON	11,057	0.5	6.3	1,755	6.8	1,626
78	SEVIER	17,052	1.9	8.4	2,030	10.3	1,656
81	COCKE	7,805	1.7	3.8	2,054	5.5	1,419
REGION TOTALS		158,527	14.6	83.8	1,891	98.4565	1,610

- SHORTAGE AREA **IN BLUE**
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

SOUTHEAST

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
44	FRANKLIN	9,263	0.3	5.5	1,684	5.8	1,597
50	GRUNDY	3,669	0.4	0.4	9,173	0.8	4,586
51	MARION	6,490	0.0	3.6	1,803	3.6	1,803
54	SEQUATCHIE	2,995	0.1	0.8	3,744	0.9	3,328
58	BLEDSON	2,979	0.2	0.5	5,958	0.7	4,256
	RHEA	6,693	0.3	2.1	3,187	2.4	2,789
	SUB TOTAL	9,672	0.4	2.5	3,869	2.9	3,335
63	MCMINN	12,324	1.0	5.2	2,370	6.2	1,988
	MEIGS	2,984	0.1	0.6	4,973	0.7	4,263
	SUB TOTAL	15,308	1.1	5.8	2,639	6.9	2,219
64	BRADLEY	21,756	0.6	11.5	1,892	12.1	1,798
65	POLK	3,775	0.1	1.3	2,904	1.4	2,696
REGION TOTALS		72,928	2.9	31.5	2,317	34.3953	2,120

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

UPPER CUMBERLAND

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
39	MACON	5,567	0.8	2.1	2,651	2.9	1,920
41	SMITH	4,725	1.0	2.2	2,148	3.2	1,477
	WILSON*	24,942	2.7	6.6	3,779	9.3	2,682
	SUB TOTAL	29,667	3.7	8.8	3,371	12.5	2,373
42	CANNON	3,376	0.1	0.4	8,440	0.5	6,752
45	CLAY	1,697	0.2	0.9	1,886	1.1	1,543
46	JACKSON	2,536	0.1	0.3	8,453	0.4	6,340
47	PUTNAM	14,387	3.4	7.4	1,944	10.8	1,332
48	DEKALB	4,197	0.0	1.9	2,209	1.9	2,209
49	WARREN	9,569	0.7	2.5	3,828	3.2	2,990
52	OVERTON	4,754	0.3	1.6	2,971	1.9	2,502
53	VAN BUREN	1,330	0.0	0.0		0.0	
	WHITE	5,543	0.5	2.8	1,980	3.3	1,670
	SUB TOTAL	6,873	0.5	2.8	2,455	3.3	2,083
55	PICKETT	1,059	0.3	0.8	1,324	1.1	963
56	FENTRESS	4,044	0.5	1.2	3,370	1.7	2,379
57	CUMBERLAND	10,286	0.4	3.6	2,857	4.0	2,572
REGION TOTALS		98,012	10.4	31.6	3,098	42.0	2,333

* Wilson County is part of the Mid-Cumberland Region

- SHORTAGE AREA **IN BLUE**
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

MID-CUMBERLAND

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
21	HOUSTON STEWART SUB TOTAL	2,063 3,156 5,219	0.3 0.2 0.5	0.4 0.2 0.6	5,158 15,780 8,698	0.7 0.4 1.1	2,947 7,890 4,745
22	HUMPHREYS	4,369	0.2	2.5	1,748	2.7	1,618
25	MONTGOMERY	40,058	1.3	14.8	2,707	16.1	2,488
26	DICKSON	11,974	1.6	1.2	9,978	2.8	4,276
29	ROBERTSON	15,159	1.2	5.2	2,915	6.4	2,369
30	CHEATHAM	10,468	0.3	0.9	11,631	1.2	8,723
31	WILLIAMSON	41,114	2.9	25.4	1,619	28.3	1,453
34	SUMNER	36,175	2.8	13.2	2,741	16.0	2,261
36	RUTHERFORD	52,122	3.3	21.7	2,402	25.0	2,085
40	TROUSDALE	1,808	0.1	0.2	9,040	0.3	6,027
41	SMITH WILSON SUB TOTAL	4,725 24,942 29,667	1.0 2.7 3.7	2.2 6.6 8.8	2,148 3,779 3,371	0.7 0.4 1.1	1,477 2,682 2,373
REGION TOTALS		248,133	17.7	94.5	2,626	112.2	2,211

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

SOUTH CENTRAL

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
23	LEWIS	3,020	0.1	0.6	5,033	0.7	4,314
	PERRY	1,870	0.2	0.2	9,350	0.4	4,675
	SUB TOTAL	4,890	0.3	0.7	6,986	1.0	4,890
24	WAYNE	3,640	0.1	1.3	2,800	1.4	2,600
27	HICKMAN	5,921	0.5	1.6	3,701	2.1	2,820
28	LAWRENCE	10,589	0.7	2.9	3,651	3.6	2,941
32	MAURY	18,760	2.0	9.6	1,954	11.6	1,617
33	GILES	7,212	0.4	1.6	4,508	2.0	3,606
37	MARSHALL	7,107	0.6	1.8	3,948	2.4	2,961
38	LINCOLN	7,627	0.6	3.5	2,179	4.1	1,860
43	BEDFORD	10,646	0.7	2.9	3,671	3.6	2,957
	COFFEE	12,277	2.3	6.7	1,832	9.0	1,364
	MOORE	1,386	0.2	0.3	4,620	0.5	2,772
	SUB TOTAL	24,309	3.2	10.0	2,431	13.2	1,842
REGION TOTALS		90,055	8.3	32.9	2,735	41.2	2,183

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

PEDIATRIC CARE INFORMATION

WEST

Rational Service Area	County	2004 Pediatric Population	2004 FTE Pediatric Care Mid-levels	2004 FTE Pediatric Care Physicians	Pediatric Population to Physician Ratio (X:1)*	Total FTE Providers	Pediatric Population to Provider Ratio (X:1)*
1	LAKE	1,430	0.1	1.0	1,430	1.1	1,300
2	DYER	9,697	0.8	4.7	2,063	5.5	1,763
6	OBION	7,889	0.4	4.6	1,715	5.0	1,578
7	GIBSON	11,837	0.6	4.0	2,959	4.6	2,573
10	WEAKLEY	7,958	0.4	3.0	2,653	3.4	2,341
13	CROCKETT	3,801	1.0	0.8	4,751	1.8	2,112
15	BENTON	3,642	0.6	0.9	4,047	1.5	2,428
	HENRY	6,906	0.1	5.1	1,354	5.2	1,328
	SUB TOTAL	10,548	0.7	6.0	1,758	6.7	1,574
16	CARROLL	6,839	1.5	3.4	2,011	4.9	1,396
3	LAUDERDALE	6,930	0.2	0.7	9,900	0.9	7,700
4	TIPTON	15,565	0.7	3.6	4,324	4.3	3,620
8	HAYWOOD	5,398	0.7	1.3	4,152	2.0	2,699
9	FAYETTE	7,495	0.9	2.5	2,998	3.4	2,204
11	MADISON	24,202	1.3	18.2	1,330	19.5	1,241
12	CHESTER	4,073	0.4	1.0	4,073	1.4	2,909
14	HARDEMAN	6,956	0.4	2.0	3,478	2.4	2,898
17	HENDERSON	6,374	0.3	1.1	5,795	1.4	4,553
18	DECATUR	2,544	0.3	1.1	2,313	1.4	1,817
19	MCNAIRY	5,932	0.8	1.8	3,296	2.6	2,282
20	HARDIN	6,047	0.2	1.5	4,031	1.7	3,557
REGION TOTALS		151,515	11.7	62.1	2,440	73.8	2,053

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE SERVICES

TennCare Primary Care Providers

TennCare primary care providers include those Medical Doctors (M.D.s) and Doctor of Osteopathy (D.O.s) with medical specialties of general practice, family practice, pediatrics, internal medicine, obstetrics or obstetrics/gynecology, and general preventive medicine (public health) who reported serving the TennCare population. Mid-level providers -- nurse practitioners, certified nurse midwives, and physician assistants -- are also included.

The full-time TennCare equivalency of each physician's practice was calculated based on the provider indicating that they accept TennCare and the number of self-reported hours a provider is in direct patient care to the TennCare population - that is, not performing hospital or nursing home rounds, administrative work, teaching, etc. multiplied by the percent of each provider's practice that is devoted to TennCare. A default of 30 percent was used for those physicians who stated they took TennCare patients but who did not indicate a percentage .

A standard of a forty (40) hour work week in direct patient care is considered the equivalent of one full-time provider. Providers reporting over 40 hours a week were counted as no greater than 1.0 full-time equivalent (FTE).

The full-time equivalency of the each mid-level provider was calculated based on the number of self-reported hours spent in direct patient care to the TennCare population divided by forty (40) hours. A standard of a forty (40) hour work week in direct patient care was considered the equivalent of a forty percent (40%) or 0.4 full-time equivalent because national research indicates that mid-level providers spend more time on average with each patient than a physician.

In 2004, there were a total of 2187.7 self-reported FTE TennCare primary care physicians actively practicing direct patient primary care in the state. Of this total, 674.8 FTE TennCare primary care physicians or 30.8 percent reported practicing in one of the four (4) metropolitan counties of Davidson, Knox, Hamilton, and Shelby. Data for mid-levels show that a total of 358.6 FTE TennCare primary care mid-level providers were actively practicing in the state. Of this total, 278.8 FTE or 77.7 percent of these TennCare primary care mid-levels reported practicing in the ninety-one counties.

The numbers of persons who comprise TennCare enrollees was provided by the Bureau of TennCare and was obtained from their monthly rolls for December 31, 2005.

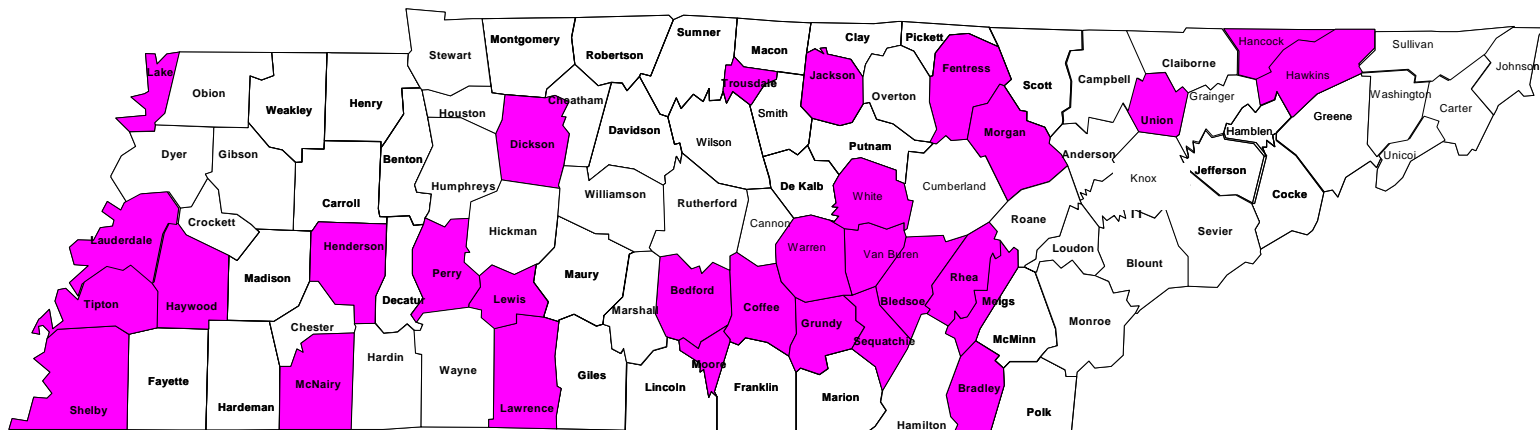
TENNCARE PRIMARY CARE INFORMATION							
URBAN REGIONS							
Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
35	DAVIDSON	109,405	29.8	227.9	480	257.7	425
59	HAMILTON	55,811	9.7	65.7	849	75.4	740
71	KNOX	63,305	19.8	180.5	351	200.3	316
5	SHELBY	234,222	20.5	200.7	1,167	221.2	1,059
URBAN	TOTAL	462,743	79.8	674.8	686	754.6	613
STATEWIDE PRIMARY CARE INFORMATION							
TOTALS							
Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
URBAN TOTALS		462,743	79.8	674.8	686	754.6	613
RURAL TOTALS		868,283	278.8	1,512.9	574	1,791.7	485
STATE TOTALS		1,331,026	358.6	2,187.7	608	2,546.3	523

Note: Estimates are based on data obtained from the Office of Health Statistics and the Bureau of Health Licensure and Regulation, Tennessee Department of Health, surveys of health care providers, and the Bureau of TennCare.

Health Resource Shortage Areas for TennCare Primary Care

TennCare shortage areas are designated by the Tennessee Department of Health to include the counties displaying highest ratios of the TennCare population to TennCare primary care provider in the state. A map of these shortage areas for 2004 is on the next page.

Top 30 Health Resource Shortage Areas TennCare Primary Care – May, 2004



**RANKING OF TENNCARE PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	TENNCARE RANK	RATIONAL SERVICE AREA TENNCARE RATIO
MEIGS	1	6,556
VAN BUREN	2	1,454
WHITE	2	1,454
WARREN	4	1,624
GRUNDY	5	1,289
LAUDERDALE	5	1,142
BLEDSON	7	1,131
RHEA	8	1,131
HAYWOOD	9	1,124
HAWKINS	10	1,103
DICKSON	11	1,070
SHELBY	11	1,059
MORGAN	13	1,036
TIPTON	14	1,036
HANCOCK	15	998
BRADLEY	16	971
JACKSON	17	959
UNION	17	913
LEWIS	17	911
PERRY	20	911
HENDERSON	21	911
MCNAIRY	22	898
SEQUATCHIE	23	886
FENTRESS	24	878
LAWRENCE	25	870
TROUSDALE	25	847
BEDFORD	25	840
COFFEE	28	840
MOORE	29	840
LAKE	30	832
GRAINGER	31	812
RUTHERFORD	32	777
OBION	33	774
JOHNSON	34	772
HUMPHREYS	35	760
CHEATHAM	36	758
HICKMAN	37	755
HARDIN	38	743
HAMILTON	39	740
CUMBERLAND	40	733
CLAIBORNE	41	729
DYER	41	725
HARDEMAN	43	670
HOUSTON	44	629
STEWART	44	629
GILES	46	624
SCOTT	47	622

**RANKING OF TENNCARE PRIMARY CARE
RATIONAL SERVICE AREA
POPULATION TO PROVIDER RATIOS, 2004**

COUNTY	TENNCARE RANK	RATIONAL SERVICE AREA TENNCARE RATIO
CANNON	48	618
CAMPBELL	49	610
GIBSON	50	607
ROANE	51	581
MACON	52	559
OVERTON	52	559
CROCKETT	54	558
LOUDON	55	557
MARION	56	548
COCKE	57	542
MARSHALL	58	526
POLK	59	525
DECATUR	60	495
LINCOLN	61	492
CHESTER	62	489
WAYNE	63	477
FAYETTE	64	473
DEKALB	65	461
PUTNAM	66	429
PICKETT	67	426
DAVIDSON	68	425
BENTON	69	424
HENRY	69	424
MAURY	71	420
CLAY	72	414
ROBERTSON	73	403
JEFFERSON	74	395
BLOUNT	75	384
WEAKLEY	75	384
SUMNER	77	382
SEVIER	78	380
HAMBLEN	79	376
GREENE	80	365
SMITH	81	362
WILSON	82	362
CARROLL	83	342
KNOX	84	316
CARTER	85	297
UNICOI	85	297
WASHINGTON	85	297
MADISON	88	290
FRANKLIN	88	290
ANDERSON	90	287
SULLIVAN	91	252
WILLIAMSON	92	207
MCMINN	93	187
MONTGOMERY	94	104
MONROE	95	34

REGIONAL TENNCARE PRIMARY CARE INFORMATION

TENNCARE PRIMARY CARE INFORMATION

NORTHEAST

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
74	HANCOCK	2,594	1.6	1.0	2,594	2.6	998
79	HAWKINS	12,467	2.9	8.4	1,484	11.3	1,103
80	GREENE	13,857	4.0	34.0	408	38.0	365
82	SULLIVAN	29,033	8.8	106.2	273	115	252
83	CARTER	12,688	3.7	17.2	738	20.9	607
	UNICOI	4,314	1.2	6.4	674	7.6	568
	WASHINGTON	19,201	8.0	85.5	225	93.5	205
	SUB-TOTAL	36,203	12.9	109.1	332	122.0	297
84	JOHNSON	4,863	2.2	4.1	1,186	6.3	772
REGION TOTALS		99,017	32.4	262.8	377	295.2	335

- SHORTAGE AREA **IN BLUE**
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

EAST

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
60	SCOTT	8,520	2.6	11.1	768	13.7	622
61	MORGAN	7,770	1.2	6.3	1,233	7.5	1,036
62	ROANE	11,032	2.9	16.1	685	19	581
66	CAMPBELL	14,038	4.3	18.7	751	23	610
67	ANDERSON	15,074	2.5	50.1	301	52.6	287
68	LOUDON	7,019	1.4	11.2	627	12.6	557
69	MONROE	794	6.9	16.6	48	23.5	34
70	CLAIBORNE	10,202	2.6	11.4	895	14	729
72	UNION	5,112	1.8	3.8	1,345	5.6	913
73	BLOUNT	18,379	2.9	45	408	47.9	384
75	GRAINGER	5,440	1.5	5.2	1,046	6.7	812
76	HAMBLEN	12,658	3.7	30	422	33.7	376
77	JEFFERSON	10,516	2.9	23.7	444	26.6	395
78	SEVIER	14,831	6.4	32.6	455	39	380
81	COCKE	11,155	4.1	16.5	676	20.6	542
REGION TOTALS		152,540	47.7	298.3	511	346.0	441

- SHORTAGE AREA **IN BLUE**
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

SOUTHEAST

Rational Service Area	County	2002 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
44	FRANKLIN	6,732	2.0	21.2	318	23.2	290
50	GRUNDY	5,157	1.2	2.8	1,842	4.0	1,289
51	MARION	6,855	0.8	11.7	586	12.5	548
54	SEQUATCHIE	3,101	0.4	3.1	1,000	3.5	886
58	BLEDSON	2,907	0.4	2.9	1,002	3.3	881
	RHEA	7,609	1.1	4.9	1,553	6.0	1,268
	SUB-TOTAL	10,516	1.5	7.8	1,348	9.3	1,131
63	MCMINN	3,119	1.9	14.8	211	16.7	187
63A	MEIGS	22,290	0.4	3.0	7,430	3.4	6,556
64	BRADLEY	17,292	1.9	15.9	1,088	17.8	971
65	POLK	3,832	0.4	6.9	555	7.3	525
REGION TOTALS		78,894	10.5	87.2	905	97.7	808

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

UPPER CUMBERLAND

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
39	MACON	5,089	2.6	6.5	783	9.1	559
41	SMITH	3,482	2.6	10.4	335	13.0	268
	WILSON	11,820	8.8	20.5	577	29.3	403
	SUB-TOTAL	15,302	11.4	30.9	495	42.3	362
42	CANNON	2,782	1.1	3.4	818	4.5	618
45	CLAY	2,360	1.0	4.7	502	5.7	414
46	JACKSON	2,974	1.1	2.0	1,487	3.1	959
47	PUTNAM	13,757	8	24.1	571	32.1	429
48	DEKALB	4,332	0.0	9.4	461	9.4	461
49	WARREN	9,580	1.5	4.4	2,177	5.9	1,624
52	OVERTON	4,865	0.7	8.0	608	8.7	559
53	VAN BUREN	1,385	0.0	0.1	13,850	0.1	13,850
	WHITE	6,029	1.7	3.3	1,827	5.0	1,206
	SUB-TOTAL	7,414	1.7	3.4	2,181	5.1	1,454
55	PICKETT	1,364	1.1	2.1	650	3.2	426
56	FENTRESS	6,587	2.7	4.8	1,372	7.5	878
57	CUMBERLAND	10,404	1.2	13.0	800	14.2	733
REGION TOTALS		101,312	86,810	34.1	122.1	711	156.2

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

MID-CUMBERLAND

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
21	HOUSTON STEWART SUB TOTAL	1,980 2,359 4,339	1.1 0.3 1.4	1.8 3.7 5.5	1,100 638 789	2.9 4.0 6.9	683 590 629
22	HUMPHREYS	3,875	1.2	3.9	994	5.1	760
25	MONTGOMERY	5,210	4.7	45.6	114	50.3	104
26	DICKSON	8,450	3.6	4.3	1,965	7.9	1,070
29	ROBERTSON	9,508	3.4	20.2	471	23.6	403
30	CHEATHAM	5,233	1.8	5.1	1,026	6.9	758
31	WILLIAMSON	7,283	6.9	28.3	257	35.2	207
34	SUMNER	20,648	6.2	47.8	432	54.0	382
36	RUTHERFORD	28,204	13.6	22.7	1,242	36.3	777
40	TROUSDALE	1,778	0.4	1.7	1,046	2.1	847
41	SMITH WILSON SUB TOTAL	3,482 11,820 15,302	2.6 8.8 11.4	10.4 20.5 30.9	335 577 495	13.0 29.3 42.3	268 403 362
REGION TOTALS		109,830	54.6	216.0	508	270.6	406

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

SOUTH CENTRAL

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
23	LEWIS	3,076	0.2	3	1,025	3.2	961
	PERRY	1,479	1.1	0.7	2,113	1.8	822
	SUB TOTAL	4,555	1.3	3.7	1,231	5	911
24	WAYNE	3,576	0.8	6.7	534	7.5	477
27	HICKMAN	5,362	1.6	5.5	975	7.1	755
28	LAWRENCE	9,217	1.6	9	1,024	10.6	870
32	MAURY	13,621	5	27.4	497	32.4	420
33	GILES	5,863	1.5	7.9	742	9.4	624
37	MARSHALL	4,890	1.5	7.8	627	9.3	526
38	LINCOLN	6,647	0.6	12.9	515	13.5	492
43	BEDFORD	8,710	2.9	9.6	907	12.5	697
	COFFEE	10,709	5.8	16	669	21.8	491
	MOORE	10,751	0.8	0.8	13,439	1.6	6,719
	SUB TOTAL	30,170	9.5	26.4	1,143	35.9	840
REGION TOTALS		83,901	23.4	107.3	782	130.7	642

- SHORTAGE AREA IN BLUE
- * RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

TENNCARE PRIMARY CARE INFORMATION

WEST

Rational Service Area	County	2004 TennCare Enrollees (Population)	2004 FTE Primary Care Mid-levels	2004 FTE Primary Care Physicians	Population to Physician Ratio (X:1)*	Total FTE Providers	Population to Provider Ratio (X:1)*
1	LAKE	2,246	0.4	2.3	977	2.7	832
2	DYER	10,516	2.1	12.4	848	14.5	725
3	LAUDERDALE	7,877	0.9	6.0	1,313	6.9	1,142
4	TIPTON	11,394	2.2	8.8	1,295	11	1,036
6	OBION	6,814	2.6	6.2	1,099	8.8	774
7	GIBSON	12,142	2.5	17.5	694	20.0	607
8	HAYWOOD	6,068	1.3	4.1	1,480	5.4	1,124
9	FAYETTE	6,146	2.1	10.9	564	13.0	473
10	WEAKLEY	6,445	3.6	13.2	488	16.8	384
11	MADISON	21,918	9.4	66.1	332	75.5	290
12	CHESTER	3,376	1.4	5.5	614	6.9	489
13	CROCKETT	3,568	3.0	3.4	1,049	6.4	558
14	HARDEMAN	7,304	2.1	8.8	830	10.9	670
15	BENTON	4,578	1.5	6.0	763	7.5	610
	HENRY	7,390	0.4	20.3	364	20.7	357
	Sub-Total	11,968	1.9	26.3	455	28.2	424
16	CARROLL	7,422	4.6	17.1	434	21.7	342
17	HENDERSON	6,374	1.2	5.8	1,099	7.0	911
18	DECATUR	2,969	0.9	5.1	582	6.0	495
19	MCNAIRY	10,149	2.5	8.8	1,153	11.3	898
20	HARDIN	7,430	1.2	8.8	844	10	743
REGION TOTALS		152,126	45.9	237.1	642	283.0	538

■ SHORTAGE AREA IN BLUE

* RATIO OF FULL-TIME EQUIVALENT PROVIDERS TO THE POPULATION

Note: Estimates are based on data obtained from the Office of Health Statistics and the Bureau of Health Licensure and Regulation, Tennessee Department of Health, surveys of health care providers, and the Bureau of TennCare.

GENERAL DENTAL SERVICES

General Dentists and Health Resource Shortage Areas for General Dental Care Providers

Dental providers include general practice dentists (D.D.S. and D.M.D.). Data was derived through the analysis of the 2003 surveys of dental providers for general dentists in all 95 counties of the state by the Tennessee Department of Health, Division of Health Access. Licensure data available from the Tennessee Department of Health, Bureau of Health Licensure and Regulation, and distributed by the Office of Health Statistics was used.

Between January and July 2003, dentists were surveyed through a cooperative agreement between the Tennessee Department of Health and the University of Tennessee Community Health Research Group in Knoxville. Mail and phone surveys were performed by the Community Health Research Group and the Tennessee Department of Health staff.

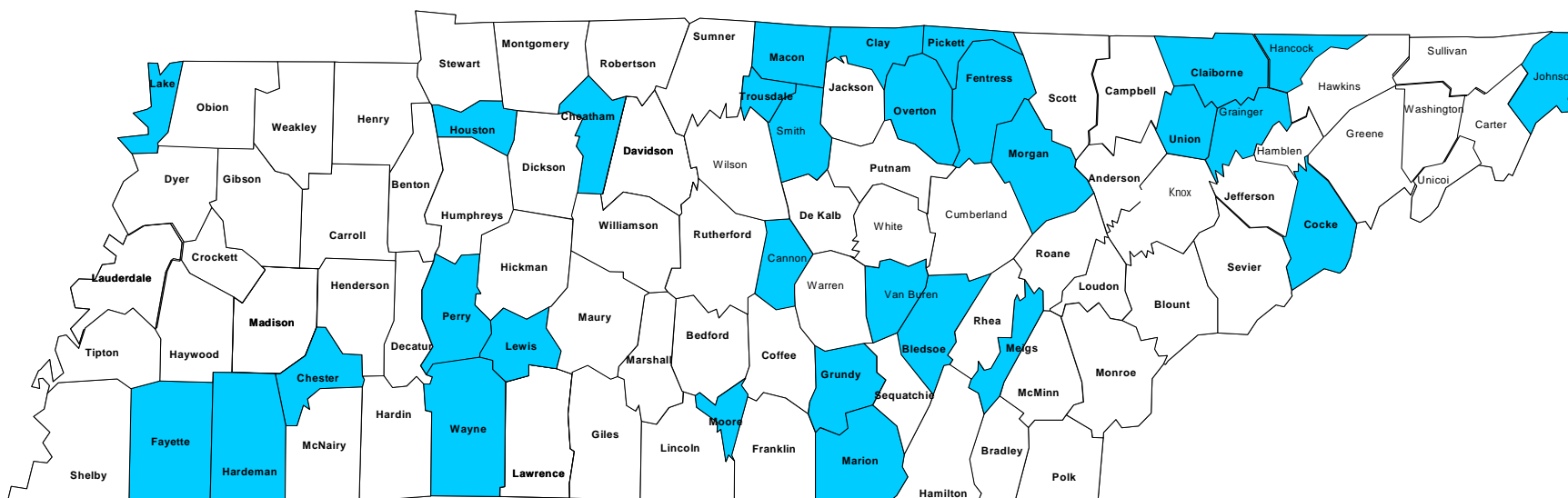
The full-time equivalency calculation of each provider was based on the number of self-reported hours a provider is in direct patient care per week, the age of the dentist, and the total number of dental auxiliaries (dental hygienists and dental assistants). Dental auxiliaries as reported by the dentist were used in the calculation for provider to population ratio. A standard 40-hour work week in direct patient care is considered the equivalent of one full-time provider. Those reporting over 40 hours a week were counted as no greater than 1.0 full-time equivalent (FTE). However, the number of auxiliaries that a dentist utilizes is factored in the equation, therefore, a provider could be counted as greater than one FTE. The actual data was age-adjusted according to the Code of Federal Regulations regarding health professional shortage areas. Dentists' ages were obtained from the surveys and Tennessee Department of Health manpower licensure data. Adjustments for non-responders were made based on guidelines used by the Division of Shortage Designation, U.S. Department of Health and Human Services.

This analysis resulted in the designation of the top 30 counties that were reported to have the least access to dentists. Three counties were found to have no provider for general dentistry. A map showing the distribution of providers is on the next page, followed by a map of health resource shortage areas for general dental care providers.

Health Resource Shortage Areas for General Dental Care

Dental shortage areas are designated by the Tennessee Department of Health to include the 30 counties displaying the highest ratio of total population to general dental care provider in the state. A map of these shortage areas for 2003 is on the next page.

Top 30
Health Resource Shortage Areas for General Dental Care – Oct., 2003



This map represents data from the last survey conducted. Check the website at a later date for updated information from the survey in progress.

**RANKING OF GENERAL DENTAL CARE
POPULATION TO PROVIDER RATIOS, 2003**

Shortage areas in blue

(*) Indicates less than one FTE

COUNTY	DENTAL RANK	DENTAL RATIO
LAKE	1	NO DENTIST
PICKETT	1	NO DENTIST
VAN BUREN	1	NO DENTIST
HANCOCK	4	34,005*
GRUNDY	5	28,972*
MOORE	6	11,626
MACON	7	10,160
UNION	8	9,896
WAYNE	9	9,746
FAYETTE	10	9,635
MORGAN	11	9,541
MEIGS	12	9,424
BLEDSON	13	8,648
MARION	14	7,789
PERRY	15	7,504
CHESTER	16	7,344
JOHNSON	17	7,082
LEWIS	18	7,000
CHEATHAM	19	6,880
TROUSDALE	20	6,596
CLAY	21	6,252
SMITH	22	6,140
CLAIBORNE	23	5,949
GRAINGER	24	5,874
HARDEMAN	25	5,776
CANNON	26	5,672
FENTRESS	27	5,529
OVERTON	28	5,454
COCKE	29	5,421
HOUSTON	30	5,419
LAUDERDALE	31	5,403
TIPTON	32	5,001
POLK	33	4,966
CARROLL	34	4,944
UNICOI	35	4,928
HAWKINS	36	4,839
CAMPBELL	37	4,837
LAWRENCE	38	4,715
CARTER	39	4,623
STEWART	40	4,576
ROBERTSON	41	4,503
WARREN	42	4,338
HICKMAN	43	4,244
SCOTT	44	4,138
MONROE	45	3,786
HUMPHREYS	46	3,719
WEAKLEY	47	3,707

**RANKING OF GENERAL DENTAL CARE
POPULATION TO PROVIDER RATIOS, 2003**

Shortage areas in blue (*) Indicates less than one FTE

COUNTY	DENTAL RANK	DENTAL RATIO
HENDERSON	48	3,689
BENTON	49	3,642
MARSHALL	50	3,622
JACKSON	51	3,582
DEKALB	52	3,554
LINCOLN	53	3,482
ROANE	54	3,480
HARDIN	55	3,440
WILSON	56	3,437
GIBSON	57	3,401
BEDFORD	58	3,357
CROCKETT	59	3,353
GREENE	60	3,322
SEQUATCHIE	61	3,294
JEFFERSON	62	3,248
OBION	63	3,213
SEVIER	64	3,172
FRANKLIN	65	3,150
RHEA	66	3,088
GILES	67	3,079
BRADLEY	68	2,950
MCNAIRY	69	2,922
CUMBERLAND	70	2,903
MONTGOMERY	70	2,903
PUTNAM	72	2,819
SUMNER	73	2,818
RUTHERFORD	74	2,805
WHITE	75	2,766
BLOUNT	76	2,743
HENRY	77	2,735
MCMINN	78	2,732
DECATUR	79	2,672
DYER	80	2,663
HAMBLEN	81	2,595
MAURY	82	2,450
DICKSON	83	2,428
LOUDON	84	2,372
COFFEE	85	2,357
HAYWOOD	86	2,338
SHELBY	87	2,273
KNOX	88	2,253
WASHINGTON	89	2,140
MADISON	90	2,025
WILLIAMSON	91	2,001
HAMILTON	92	1,991
DAVIDSON	93	1,926
SULLIVAN	94	1,796
ANDERSON	95	1,640

COUNTY DENTAL INFORMATION

GENERAL DENTAL CARE COUNTIES

	Dental Counties (Shortage areas in blue)
1	Anderson
2	Bedford
3	Benton
4	Bledsoe
5	Blount
6	Bradley
7	Campbell
8	Cannon
9	Carroll
10	Carter
11	Cheatham
12	Chester
13	Claiborne
14	Clay
15	Cocke
16	Coffee
17	Crockett
18	Cumberland
19	Davidson
20	Decatur
21	Dekalb
22	Dickson
23	Dyer
24	Fayette
25	Fentress
26	Franklin
27	Gibson
28	Giles
29	Grainger
30	Greene
31	Grundy
32	Hamblen
33	Hamilton
34	Hancock
35	Hardeman
36	Hardin
37	Hawkins
38	Haywood
39	Henderson
40	Henry
41	Hickman
42	Houston
43	Humphreys
44	Jackson
45	Jefferson
46	Johnson
47	Knox
48	Lake

	Dental Counties (Shortage areas in blue)
49	Lauderdale
50	Lawrence
51	Lewis
52	Lincoln
53	Loudon
54	Macon
55	Madison
56	Marion
57	Marshall
58	Maurry
59	McMinn
60	McNairy
61	Meigs
62	Monroe
63	Montgomery
64	Moore
65	Morgan
66	Obion
67	Overton
68	Perry
69	Pickett
70	Polk
71	Putnam
72	Rhea
73	Roane
74	Robertson
75	Rutherford
76	Scott
77	Sequatchie
78	Sevier
79	Shelby
80	Smith
81	Stewart
82	Sullivan
83	Sumner
84	Tipton
85	Trousdale
86	Unicoi
87	Union
88	Van Buren
89	Warren
90	Washington
91	Wayne
92	Weakley
93	White
94	Williamson
95	Wilson

OTHER PRIORITY AREAS

Designation of Other Priority Areas

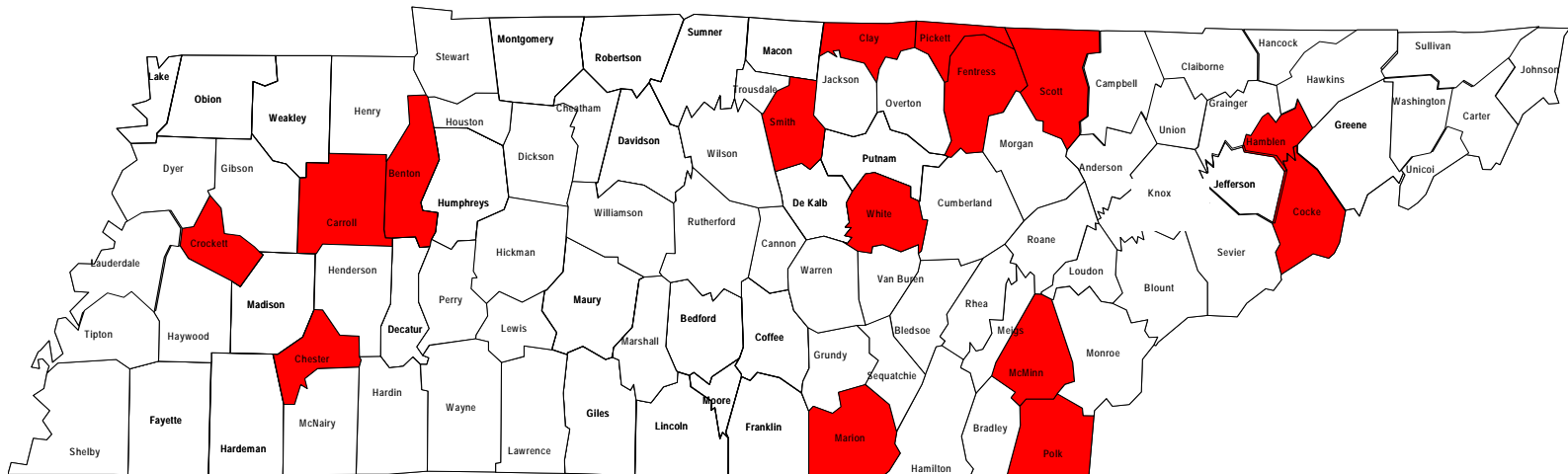
In 2005, the Commissioner of Health began designating counties as **Other Priority Areas (OPA)**. These counties have an overall disproportionate mortality rate for heart disease, diabetes and/or stroke and are not already designated as a Primary Care and/or TennCare Primary Care Top 30 Health Resource Shortage Area. These OPA counties will be eligible and potentially targeted for Health Access Community Initiative Grants.

Other Priority Areas
Diabetes, Stroke, Heart Disease
2005

Heart Disease	Stroke	Diabetes
Pickett	Cocke	Marion
Carroll	Clay	Scott
Crockett	Hamblen	Polk
Cocke	Smith	McMinn
Clay	White	Chester
Benton		Hamblen
Fentress		White

Other Priority Areas Diabetes, Stroke, Heart Disease

2005



**FEDERAL
HEALTH PROFESSIONAL
SHORTAGE AREAS**

Health Professional Shortage Areas

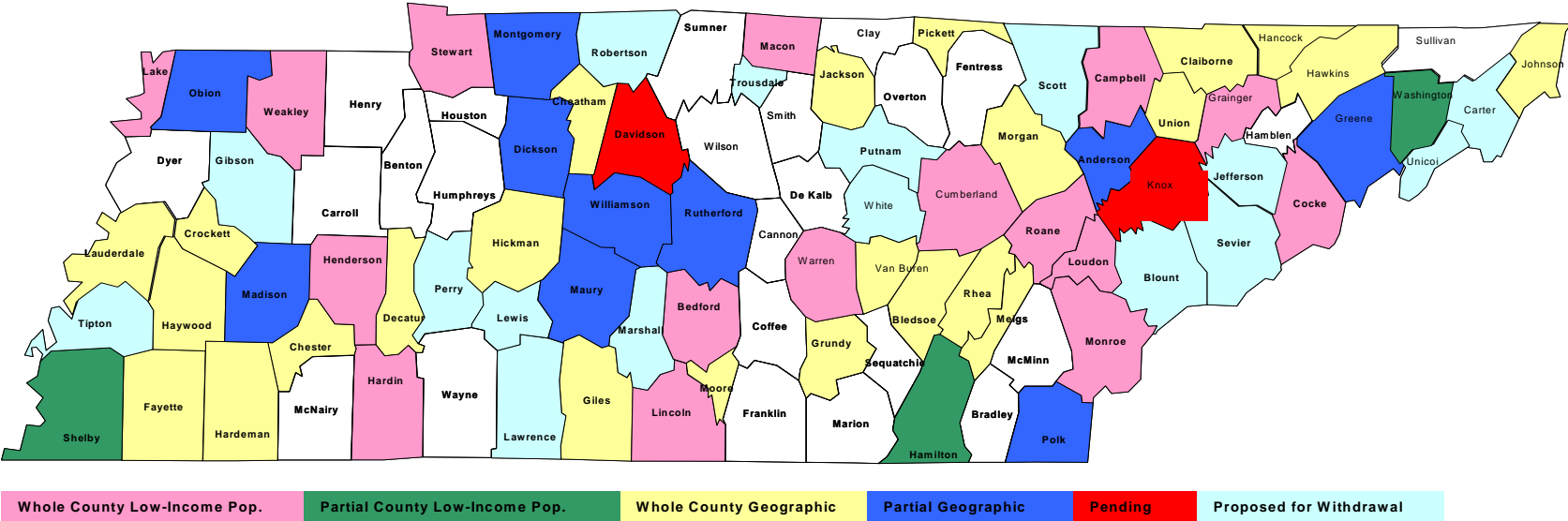
Health professional shortage areas (HPSAs) are federally-designated counties, parts of counties (such as census tracts), or public facilities that have been recognized as meeting or exceeding standards of need for certain services. The purpose of this designation is to prioritize those areas that would be eligible for the placement of National Health Service Corps providers. Examples of additional programs that utilize these designations are those that place foreign medical school graduate physicians with J-1 visas, rural health clinics, and community/migrant health centers.

There are three types of HPSAs in Tennessee: primary care, dental care, and mental health. These federal designations have the capacity to change continuously as new applications are approved and previously-designated areas are found to be ineligible at the end of the three-year designation cycle. **The data contained in this publication reflects the status of designations at only one point in time. For current HPSA designations, please visit the federal website at www.bphc.hrsa.gov or contact the Tennessee Office of Rural Health/Health Access.**

Generally, primary care HPSAs meet or exceed the following thresholds:

- For a geographic designation, the population to physician ratio is at least 3,500:1.
- For a population designation, a segment of the population experiences specific barriers to care and the population-to-physician ratio is at least 3,000:1.
- For a facility designation, a public or private nonprofit medical facility is providing primary medical care services to an area or population group designated as having a shortage of primary care professional(s), and the facility has insufficient capacity to meet the primary care needs of that area or population group. A community health center or homeless clinic is an example of such a designation.

Federal Health Professional Shortage Areas
Primary Care - Oct., 2005



**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
ANDERSON	BRICEVILLE-LAKE CITY	GEOGRAPHIC
	NEW RIVER DIVISION	
	LAKE CITY WEST DIVISION	
	LAKE CITY EAST DIVISION	
BEDFORD	LOW-INCOME POPULATION	POPULATION
BLED SOE	ALL- DAYTON/PIKEVILLE/DECATUR	GEOGRAPHIC
	OCOEE REGIONAL HEALTH CENTER - Bledsoe County Primary Care Center	FACILITY
BLOUNT	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
BRADLEY	OCOEE REGIONAL HEALTH CENTER - Cleveland Family Health Care Center	FACILITY
CAMPBELL	LOW-INCOME POPULATION	POPULATION
	DAYSRING FAMILY HEALTH CENTER, INC. - Clear Fork Clinic - Indian Mountain Clinic	FACILITY
	REACHS LaFollette COMMUNITY HEALTH CENTER	FACILITY
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Cannon County Health Department	FACILITY
CARTER	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Roan Mountain Medical Center	FACILITY
CHEATHAM	ALL	GEOGRAPHIC
CHESTER	ALL	GEOGRAPHIC
CLAIBORNE	ALL	GEOGRAPHIC
	CHEROKEE HEALTH SYSTEM	FACILITY
	CLEAR FORK CLINIC	FACILITY
CLAY	UPPER CUMBERLAND PRIMARY CARE PROJECT - Clay County Health Department	FACILITY
COCKE	LOW-INCOME POPULATION	POPULATION
	RURAL MEDICAL SERVICES, INC. - Bogard Center - Grassy Fork Center - Parrottsville Center - Newport Center	FACILITY
CROCKETT	ALL	GEOGRAPHIC
CUMBERLAND	LOW-INCOME POPULATION	POPULATION
	CUMBERLAND COUNTY HEALTH DEPT.	FACILITY
	CUMBERLAND MEDICAL CENTER PHYSICIAN'S GROUP	FACILITY
DAVIDSON	EAST NASHVILLE CENSUS TRACTS: 112-126	POPULATION - PENDING
	WAVERLY-BELMONT CENSUS TRACTS 148, 160-163, & 170-171	POPULATION - PENDING
	DOWNTOWN HOMELESS CLINIC	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
DAVIDSON (con'td)	HEALTHCARE FOR THE HOMELESS, NASHVILLE METROPOLITAN HEALTH DEPARTMENT	FACILITY
	UNITED NEIGHBORHOOD HEALTH SERVICES, INC. - Cayce Family Health Center - Waverly Belmont Family Health Center - Southside Family Health Center - Sam Levy-McFerrin Park Community Clinic - Caldwell Early Child Development Center Clinic - Maplewood High School Health Center - Dalewood School Clinic	FACILITY
	MATTHEW WALKER COMPREHENSIVE HEALTH CENTER, INC.	FACILITY
	PROHEALTH RURAL HEALTH SERVICES, INC	FACILITY
	STEWART COUNTY CHC	FACILITY
	DAVIDSON COUNTY JAIL	FACILITY
DECATUR	ALL	GEOGRAPHIC
DEKALB	UPPER CUMBERLAND PRIMARY CARE PROJECT - DeKalb County Health Department	FACILITY
DICKSON	VANLEER/SHILOH VANLEER DIVISION	GEOGRAPHIC
FAYETTE	ALL	GEOGRAPHIC
	ROSSVILLE HEALTH CENTER	FACILITY
FENTRESS	UPPER CUMBERLAND PRIMARY CARE PROJECT - Fentress County Health Department	FACILITY
GIBSON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
GILES	ALL	GEOGRAPHIC
GRAINGER	LOW-INCOME POPULATION	POPULATION
	CHEROKEE HEALTH SYSTEMS - Bean Station Medical Center - Blaine Health Center - Rutledge Health Center	FACILITY
	UNION GRAINGER PRIMARY CARE - Washburn Medical Center	FACILITY
GREENE	BAILEYTOWN	GEOGRAPHIC
	BAILEYTOWN DIVISION	
	JEAROLDSTOWN DIVISION	
	BAILEYTON MEDICAL CENTER	FACILITY
GRUNDY	ALL	GEOGRAPHIC
	GRUNDY COUNTY PRIMARY CARE CENTER	FACILITY
HAMBLÉN	CHEROKEE HEALTH SYSTEM	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
HAMILTON	MIDDLE VALLEY	GEOGRAPHIC
	SALE CREEK DIVISION	
	SODDY-DAISY DIVISION	
	MIDDLE VALLEY DIVISION	
	OOLTEWAH DIVISION	
	SIGNAL MOUNTAIN DIVISION	
	SNOW HILL DIVISION	
	LOW -INCOME POPULATION IN CENSUS TRACTS: 4, 10-16, 19-21, 23-27	POPULATION - PENDING
	CHATTANOOGA/HAMILTON COUNTY JAIL	FACILITY
	HOMELESS HEALTHCARE CENTER, CHATTANOOGA HAMILTON COUNTY HEALTH DEPARTMENT	FACILITY
	SOUTHSIDE COMMUNITY HEALTH CENTER - Southside Community Health Center - Dodson Ave. Community Health Center	FACILITY
HANCOCK	ALL	GEOGRAPHIC
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Hancock Medical Center - Sneedville Medical Center - West Main Street Medical Center	FACILITY
HARDEMAN	ALL	GEOGRAPHIC
	HARDEMAN COUNTY COMMUNITY HEALTH CENTER	FACILITY
HARDIN	LOW-INCOME POPULATION	POPULATION
	HARDIN COUNTY REGIONAL HEALTH CENTER	FACILITY
HAWKINS	ALL	GEOGRAPHIC
	RURAL HEALTH SERVICES CONSORTIUM - Bulls Gap Medical Center - Hawkins Medical Center	FACILITY
	WEST MAIN MEDICAL CENTER	FACILITY
HAYWOOD	ALL	GEOGRAPHIC
	HAYWOOD COUNTY COMMUNITY HEALTH CENTER - Stanton Health Center	FACILITY
HENDERSON	LOW-INCOME POPULATION	POPULATION
HICKMAN	ALL	GEOGRAPHIC
JACKSON	ALL	GEOGRAPHIC
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Jackson County Health Department	FACILITY
JEFFERSON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	RURAL MEDICAL SERVICES, INC. - Chesnut Hill Center	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
JOHNSON	ALL	GEOGRAPHIC
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Mountain City Medical Center	FACILITY
KNOX	MECHANICSVILLE CENSUS TRACTS: 1-7, 9, 11-14, 20, 28	GEOGRAPHIC - PENDING
LAKE	LOW-INCOME POPULATION	POPULATION
	CITIZENS OF LAKE COUNTY FOR HEALTH CARE, INC. - Lake County Primary Health Care Center - William B. Acree Clinic	FACILITY
LAUDERDALE	ALL	GEOGRAPHIC
LAWRENCE	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
LEWIS	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
LINCOLN	LOW-INCOME POPULATION	POPULATION
LOUDON	LOW-INCOME POPULATION	POPULATION
	CHEROKEE HEALTH SYSTEMS	FACILITY
MACON	LOW -INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Macon County Health Department	FACILITY
MADISON	EAST JACKSON CENSUS TRACTS: 5, & 8-12	GEOGRAPHIC
MARSHALL	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
MAURY	FAIRVIEW/BOSTON/SANTA FE	GEOGRAPHIC
	PROHEALTH RURAL HEALTH SERVICES, INC	FACILITY
MEIGS	ALL - DAYTON/PIKEVILLE/DECATUR	GEOGRAPHIC
	OCOE REGIONAL HEALTH CENTER - Meigs County Primary Care Center	FACILITY
MONROE	LOW-INCOME POPULATION	POPULATION
	CHOTA COMMUNITY HEALTH SERVICES	FACILITY
MONTGOMERY	VANLEER/SHILOH	GEOGRAPHIC
	PALMYRA-SHILOH DIVISION	
MOORE	ALL	GEOGRAPHIC
MORGAN	ALL	GEOGRAPHIC
	MORGAN COUNTY HEALTH COUNCIL, INC. - Morgan County Medical Center - Deer Lodge Medical Center	FACILITY
OBION	HORNBEAK/SAMBURG	GEOGRAPHIC
	HORNBEAK-SAMBURG DIVISION	
	DIXIE DIVISION	
	ELBRIDGE-CLOVERDALE DIVISION	
OVERTON	UPPER CUMBERLAND PRIMARY CARE PROJECT - Overton County Health Department	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
PERRY	ALL	GEOGRAPHIC – PROPOSED FOR WITHDRAWAL
	PERRY COUNTY MEDICAL CENTER, INC.	FACILITY
PICKETT	ALL	GEOGRAPHIC
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Pickett County Health Department	FACILITY
POLK	BENTON/PIKEVILLE	GEOGRAPHIC
	BENTON DIVISION	
	PARKVILLE DIVISION	
	OCOEE REGIONAL HEALTH CENTER - Benton Family Health Care Center	FACILITY
PUTNAM	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Putnam County Health Department	FACILITY
RHEA	ALL - DAYTON/PIKEVILLE/DECATUR	GEOGRAPHIC
	OCOEE REGIONAL HEALTH CENTER - Rhea County Primary Care Center	FACILITY
ROANE	LOW-INCOME POPULATION	POPULATION
	MOUNTAIN CITY MEDICAL CENTER	FACILITY
ROBERTSON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
RUTHERFORD	BETHESDA/EAGLEVILLE DIVISION	GEOGRAPHIC
	EAGLEVILLE DIVISION	
SCOTT	LOW INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	MOUNTAIN PEOPLE'S HEALTH COUNCIL, INC. - Huntsville Primary Care Center - Area Health Center - Highland Health Center - Mountain People's Oneida Office - Winfield Medical Center	FACILITY
SEVIER	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	CHEROKEE HEALTH SYSTEMS	FACILITY
SHELBY	LOW-INCOME POPULATION IN NORTHWEST MEMPHIS CENSUS TRACTS: 2-15, 17-25, 27-28, 30, 36, 89-90, 99-100, 101.10, 101.20, 102.10, 102.20, 103, 205.21 & 205.22	POPULATION

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
SHELBY(con'td)	LOW-INCOME POPULATION IN SOUTHWEST MEMPHIS CENSUS TRACTS: 37-41, 44-51, 53-70, 73-75, 78.10, 78.21-78.22, 79-80, 81.10-81.20, 82, 84, 104.10, 104.20, 105, 106.10, 106.20, 106.30, 108.10, 109, 110.10, 110.20, 217.31, 220.10, 220.21, 220.22, 221.11, 221.12, 222.10, 222.20, 223.10, 223.21, 223.22, 223.30, 224.10, 224.21, & 224.22	POPULATION
	FEDERAL CORRECTIONS INC., MEMPHIS	FACILITY
	LOW INCOME POPULATION IN MILLINGTON CENSUS TRACTS: 201.00, 202.10, 203.00, & 204.00	POPULATION
	CHURCH HEALTH CENTER	FACILITY PENDING
	CHRIST COMMUNITY MEDICAL CLINIC - Third Street Clinic - Broad Ave Health Center - Hope Health Center	FACILITY
	MEMPHIS HEALTH CENTER, INC. - Memphis Health Center - Greenlaw Health Center - Rossville Health Center - Homeless Health Center - LeMoyne Owen Center	FACILITY
SMITH	UPPER CUMBERLAND PRIMARY CARE PROJECT - Smith County Health Department	FACILITY
STEWART	LOW-INCOME POPULATION	POPULATION
	STEWART COUNTY COMMUNITY MEDICAL CENTER	FACILITY
SULLIVAN	RURAL HEALTH SERVICES CONSORTIUM, INC. - Bluff City Medical Center - Kingsport Medical Center	FACILITY
SUMNER	ALL	GEOGRAPHIC - PENDING
TIPTON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	LAKE COUNTY PRIMARY CENTER	FACILITY
TROUSDALE	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	UNITED NEIGHBOOD HEALTH SERVICES, INC. - Hartsville Family Health Center	FACILITY
UNICOI	ALL	PROPOSED FOR WITHDRAWAL
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Dry Creek Medical Center	FACILITY
UNION	ALL	GEOGRAPHIC
	UNION GRAINGER PRIMARY CARE - Union County Medical Center	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR PRIMARY CARE, OCTOBER 2005**

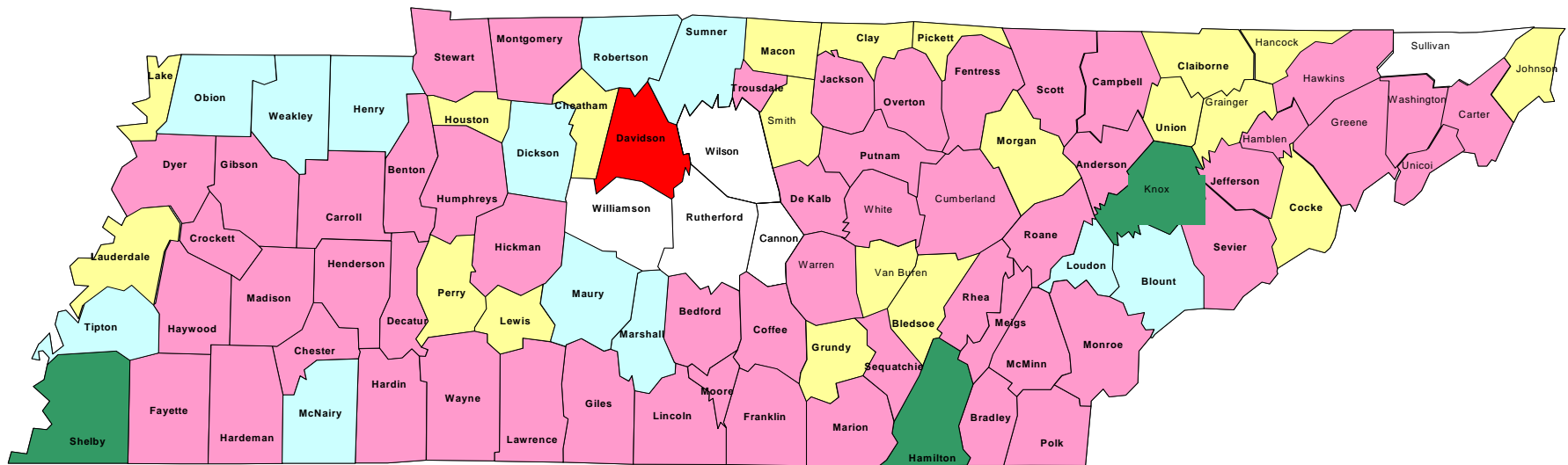
COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
VAN BUREN	ALL	GEOGRAPHIC
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Van Buren County Health Department	FACILITY
WARREN	LOW-INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Warren County Health Department	FACILITY
WASHINGTON	HOMELESS – JOHNSON CITY CENSUS TRACTS: 60100-60300, 60600-61000, 61200	POPULATION
	JOHNSON CITY DOWNTOWN CLINIC	FACILITY
	KEYSTONE CLINIC	FACILITY
	EAST TENNESSEE STATE UNIVERSITY	FACILITY
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Limestone Medical Center	FACILITY
WEAKLEY	LOW-INCOME POPULATION	POPULATION
WHITE	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
	UPPER CUMBERLAND PRIMARY CARE PROJECT - White County Health Department	FACILITY
WILLIAMSON	BETHESDA/EAGLEVILLE	GEOGRAPHIC
	BETHESDA DIVISION	
	FAIRVIEW/BOSTON/SANTA FE	GEOGRAPHIC
	BOSTON DIVISION	
	FAIRVIEW DIVISION	
	PRO HEALTH RURAL HEALTH SERVICES	FACILITY

Health Professional Shortage Areas for Dental Care

Dental shortage areas are federally-designated counties, parts of counties (such as census tracts), or facilities that have been recognized as meeting or exceeding standards of need for dentists. In general, those rational service areas having at least 5,000 persons per FTE dentist can be designated if resources in contiguous areas are over-utilized, excessively distant, or otherwise inaccessible. Service areas for which unusually high needs are demonstrated (by a poverty rate greater than 20 percent or fluoridated water available to less than 50 percent of the population) can be designated if there are at least 4,000 persons per FTE dentist and the above contiguous areas criteria are met. Special population groups with specific barriers to access can also be designated if there are at least 4,000 persons per accessible FTE dentist.

The following map and accompanying list illustrate the currently-designated dental HPSAs in Tennessee. This list was prepared with the assistance of the Division of Shortage Designation, U.S. Public Health Service.

Federal Health Professional Shortage Areas
Dental Oct., 2005



Whole County Low-Income Pop.

Partial County Low-Income Pop.

Whole County Geographic

Pending

Proposed for Withdrawal

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR DENTAL CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
ANDERSON	LOW-INCOME POPULATION	POPULATION
BEDFORD	LOW-INCOME POPULATION	POPULATION
BENTON	LOW-INCOME POPULATION	POPULATION
BLEDSON	ALL	GEOGRAPHIC
	OCOEE REGIONAL HEALTH CENTER - Bledson County Primary Care Center	FACILITY
BLOUNT	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
BRADLEY	LOW-INCOME POPULATION	POPULATION
CAMPBELL	LOW-INCOME POPULATION	POPULATION
	DAYSPRING FAMILY HEALTH - Clear Fork Clinic - Indian Mountain Clinic	FACILITY
	REACHS COMMUNITY HEALTH CENTER	FACILITY
CANNON	UPPER CUMBERLAND PRIMARY CARE PROJECT - Cannon County Health Department	FACILITY
CARROLL	LOW-INCOME POPULATION	POPULATION
CARTER	LOW-INCOME POPULATION	POPULATION
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Roan Mountain Medical Center	FACILITY
CHEATHAM	ALL	GEOGRAPHIC
CHESTER	LOW-INCOME POPULATION	POPULATION
CLAIBORNE	ALL	GEOGRAPHIC
CLAY	ALL	GEOGRAPHIC
COCKE	ALL	GEOGRAPHIC
	RURAL MEDICAL SERVICES, INC. - Bogard Center - Grassy Fork Center - Parrottsville Center - Newport Center	FACILITY
COFFEE	LOW-INCOME POPULATION	POPULATION
CROCKETT	LOW-INCOME POPULATION	POPULATION
CUMBERLAND	LOW-INCOME POPULATION	POPULATION
	CUMBERLAND MEDICAL CENTER PHYSICIAN'S GROUP	FACILITY
DAVIDSON	LOW-INCOME POPULATION	POPULATION PENDING
	CENSUS TRACTS 112-129	
DAVIDSON	NORTH NASHVILLE CENSUS TRACTS 133, 135-144, 146-148	POPULATION PENDING
	WAVERLY-BELMONT CENSUS TRACTS 161-163, 170-171	POPULATION PENDING
	HEALTHCARE FOR THE HOMELESS, NASHVILLE METROPOLITAN HEALTH DEPARTMENT	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR DENTAL CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
DAVIDSON (cont'd)	UNITED NEIGHBORHOOD HEALTH	FACILITY
	MATTHEW WALKER COMPRE- HENSIVE HEALTH CENTER, INC.	FACILITY
	STEWART COUNTY CHC	FACILITY
	DAVIDSON COUNTY JAIL	FACILITY
	DOWNTOWN CLINIC	FACILITY
DECATUR	LOW-INCOME POPULATION	POPULATION
DEKALB	LOW-INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Dekalb County Health Department	FACILITY
DICKSON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
DYER	LOW-INCOME POPULATION	POPULATION
FAYETTE	LOW-INCOME POPULATION	POPULATION
FENTRESS	LOW-INCOME POPULATION	POPULATION
FRANKLIN	LOW-INCOME POPULATION	POPULATION
GIBSON	LOW-INCOME POPULATION	POPULATION
GILES	LOW-INCOME POPULATION	POPULATION
GRAINGER	ALL	GEOGRAPHIC
	UNION GRAINGER PRIMARY CARE - Washburn Medical Center	FACILITY
GREENE	LOW-INCOME POPULATION	POPULATION
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Baileyton Medical Center	FACILITY
GRUNDY	ALL	GEOGRAPHIC
HAMBLEN	LOW-INCOME POPULATION	POPULATION
	CHEROKEE HEALTH SYSTEMS	FACILITY
	UNION GRAINGER PRIMARY	FACILITY
HAMILTON	LOW INCOME POPULATION	POPULATION
	CENTRAL CHATTANOOGA CENSUS TRACTS: 1-4, 10-16, 19-20, 23- 26, & 31	
	CHATTANOOGA/HAMILTON COUNTY JAIL	FACILITY
	SOUTHSIDE COMMUNITY HEALTH CENTER - Southside Community Health Center - Dodson Ave. Community Health Center	FACILITY
HANCOCK	ALL	GEOGRAPHIC
HARDEMAN	LOW-INCOME POPULATION	POPULATION
	HARDEMAN COUNTY COMMUNITY HEALTH CENTER	FACILITY
HARDIN	LOW-INCOME POPULATION	POPULATION
	HARDIN COUNTY REGIONAL HEALTH CENTER	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR DENTAL CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
HAWKINS	LOW-INCOME POPULATION	POPULATION
	RURAL HEALTH SERVICES CONSORTIUM, INC. - Bulls Gap Medical Center - Hawkins Medical Center	FACILITY
HAYWOOD	LOW-INCOME POPULATION	POPULATION
HENDERSON	LOW-INCOME POPULATION	POPULATION
HENRY	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
HICKMAN	LOW-INCOME POPULATION	POPULATION
HOUSTON	ALL	GEOGRAPHIC
HUMPHREYS	LOW-INCOME POPULATION	POPULATION
JACKSON	LOW-INCOME POPULATION	POPULATION
JEFFERSON	LOW-INCOME POPULATION	POPULATION
JOHNSON	ALL	GEOGRAPHIC
KNOX	LOW-INCOME POPULATION CENSUS TRACTS: 1-20, 24, 26-30	POPULATION
LAKE	ALL	GEOGRAPHIC
LAUDERDALE	ALL	GEOGRAPHIC
LAWRENCE	LOW-INCOME POPULATION	POPULATION
LEWIS	ALL	GEOGRAPHIC
LINCOLN	LOW-INCOME POPULATION	POPULATION
LOUDON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
MACON	ALL	GEOGRAPHIC
MADISON	LOW-INCOME POPULATION	POPULATION
MARION	LOW-INCOME POPULATION	POPULATION
MARSHALL	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
MAURY	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
MCMINN	LOW-INCOME POPULATION	POPULATION
MCNAIRY	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
MEIGS	LOW-INCOME	POPULATION
MONROE	LOW-INCOME POPULATION	POPULATION
MONTGOMERY	LOW-INCOME POPULATION	POPULATION
MOORE	LOW-INCOME POPULATION	POPULATION
MORGAN	ALL	GEOGRAPHIC
	MORGAN COUNTY HEALTH COUNCIL, Inc. - Morgan County Medical Center - Deer Lodge Medical Center	FACILITY
OBION	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
OVERTON	LOW-INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Overton County Health Department	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR DENTAL CARE, OCTOBER 2005**

COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
PERRY	ALL	GEOGRAPHIC
	PERRY COUNTY MEDICAL CENTER, INC	FACILITY
PICKETT	ALL	GEOGRAPHIC
POLK	LOW-INCOME POPULATION	POPULATION
POLK	OCOE REGIONAL HEALTH CENTER - Benton Family Health Care Center	FACILITY
PUTNAM	LOW-INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - Putnam County Health Department	FACILITY
RHEA	LOW-INCOME POPULATION	POPULATION
ROANE	LOW-INCOME POPULATION	POPULATION
ROBERTSON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
SCOTT	LOW-INCOME POPULATION	POPULATION
	MOUNTAIN PEOPLE'S HEALTH COUNCIL, INC. - Huntsville Primary Care Center - Area Health Center - Highland Health Center - Mountain People's Oneida Office - Winfield Medical Center	FACILITY
SEQUATCHIE	LOW-INCOME POPULATION	POPULATION
SEVIER	LOW-INCOME POPULATION	POPULATION
SHELBY	LOW-INCOME – POPULATION SW MEMPHIS/WHITEHAVEN-LEVI CENSUS TRACTS: 37.00-41.00, 44.00-51.00, 53.00-70.00, 73.00-75.00, 78.10, 78.21-78.22, 79.00-80.00, 81.10, 81.20, 82.00, 84.00, 104.10, 104.20, 105.00, 106.10, 106.20, 106.30, 108.10, 109.00, 110.10, 110.20, 217.31, 220.10, 220.21, 220.22, 221.11, 221.12, 222.10, 222.20, 223.10, 223.21, 223.22, 223.30, 224.10, 224.21, & 224.22	POPULATION
SHELBY	LOW-INCOME – POPULATION MILLINGTON CENSUS TRACTS: 201.00, 202.10, 203.00, 204.00	POPULATION
SHELBY	LOW-INCOME – NW MEMPHIS/FRAYSER CENSUS TRACTS: 2.00-15.00, 17.00-25.00, 27.00-28.00, 30.00, 34.00, 36.00, 88.00-90.00, 99.00, 100.00, 101.10, 101.20, 102.10, 102.20, 103.00, 205.11-205.12, 205.21-205.22 & 205.42	POPULATION
	CHRIST COMMUNITY MEDIAL CENTER - Third Street Clinic - Broad Ave. Health Center - Outreach Services	FACILITY
	CHURCH HEALTH CENTER	FACILITY

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR DENTAL CARE, OCTOBER 2005**

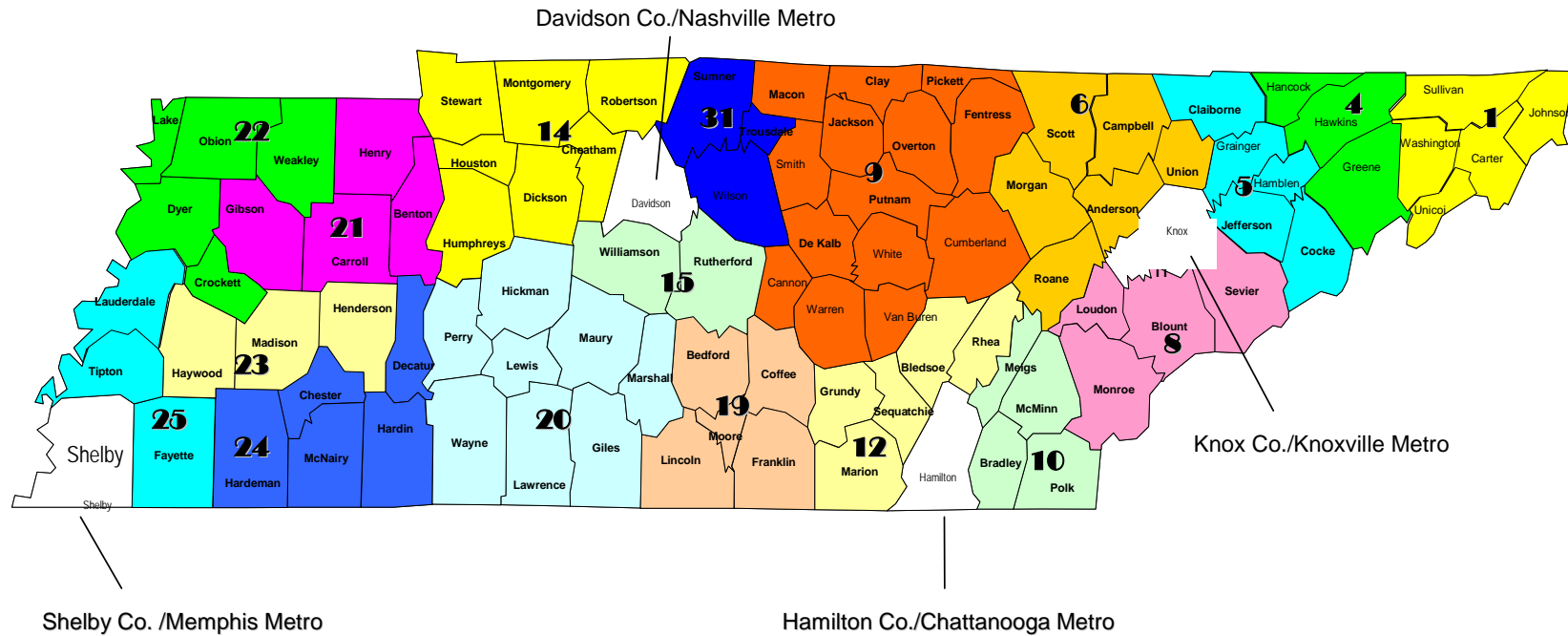
COUNTY	AREA NAME/PARTS	TYPE OF DESIGNATION
SHELBY(CONT'D)	FCL, MEMPHIS	FACILITY
	MEMPHIS HEALTH CENTER, INC. - Memphis Health Center - Greenlaw Health Center - Rossville Health Center - Homeless Health Center - LeMoyne Owen Center	FACILITY
SMITH	ALL	GEOGRAPHIC
STEWART	LOW-INCOME POPULATION	POPULATION
	- STEWART COUNTY COMMUNITY MEDICAL CENTER	FACILITY
SULLIVAN	RURAL HEALTH SERVICES CONSORTIUM, INC. - Bluff City Medical Center - Kingsport Medical Center	FACILITY
SUMNER	LOW-INCOME POPULATION-HIGHLAND RIDGE	PROPOSED FOR WITHDRAWAL
	PORTLAND CENSUS DIVISION	PROPOSED FOR WITHDRAWAL
	WHITE HOUSE CENSUS DIVISION	PROPOSED FOR WITHDRAWAL
	WESTMORELAND CENSUS DIVISION	PROPOSED FOR WITHDRAWAL
TIPTON	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
TROUSDALE	LOW-INCOME POPULATION	POPULATION
UNICOI	LOW-INCOME POPULATION	POPULATION
UNION	ALL	GEOGRAPHIC
VAN BUREN	ALL	GEOGRAPHIC
WARREN	LOW-INCOME POPULATION	POPULATION
WASHINGTON	LOW-INCOME POPULATION	POPULATION
	EAST TENNESSEE STATE UNIVERSITY	FACILITY
WAYNE	LOW-INCOME POPULATION	POPULATION
WEAKLEY	LOW-INCOME POPULATION	PROPOSED FOR WITHDRAWAL
WHITE	LOW-INCOME POPULATION	POPULATION
	UPPER CUMBERLAND PRIMARY CARE PROJECT - White County Health Department	FACILITY
WILLIAMSON	PRO HEALTH RURAL HEALTH SERVICES	FACILITY

Health Professional Shortage Areas for Mental Health

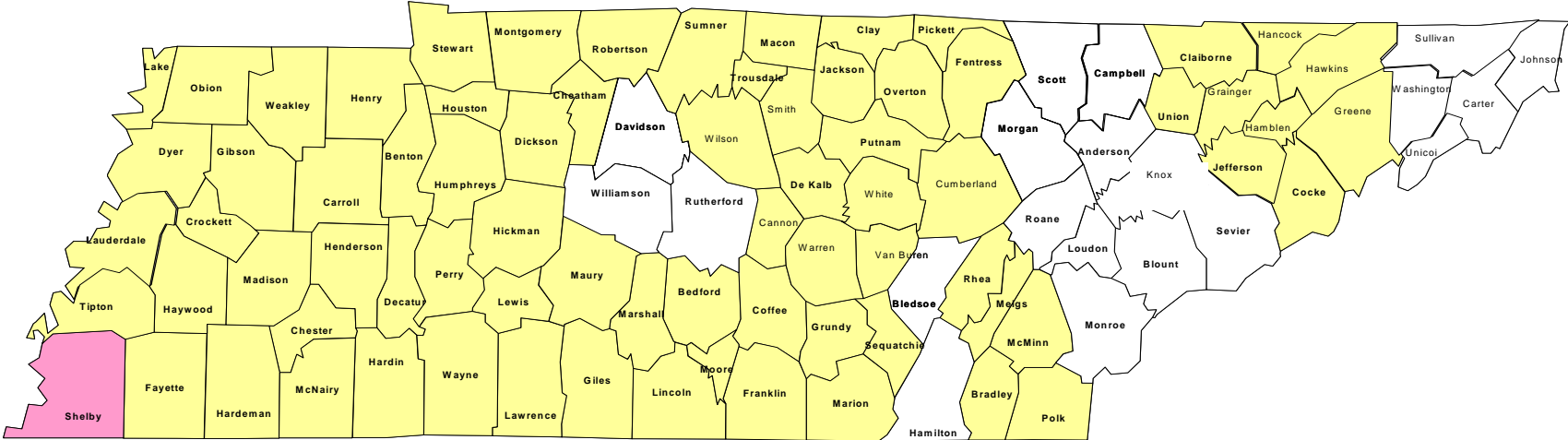
Mental health professional shortage areas are federally-designated counties or parts of counties (such as census tracts) that have been recognized as meeting or exceeding standards of need for mental health providers. The provider-to-population ratio thresholds that allow for designations vary according to the education level and type of mental health provider. The ratio for psychiatrists is greater than or equal to 20,000:1.

The following map and accompanying list illustrate the currently-designated mental health HPSAs in Tennessee. This list was prepared with the assistance of the Division of Shortage Designation Branch, U.S. Department Public Health and Human Services.

Federal Mental Health Catchment Areas



Federal Health Professional Shortage Areas
Mental Health - May, 2004



Whole County Geographic

Whole County Low-Income Pop.

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR MENTAL HEALTH, MAY 2004**

COUNTY	CATCH MENT AREA	AREA NAME/PARTS	TYPE OF DESIGNATION
BEDFORD	19	ALL	GEOGRAPHIC
BENTON	21	ALL	GEOGRAPHIC
BLEDSE	12	ALL	GEOGRAPHIC
BRADLEY	10	ALL	GEOGRAPHIC
CAMPBELL		DAYSTRING FAMILY HEALTH CENTER, INC. - Clear Fork Clinic - Indian Mountain Clinic	FACILITY
		REACHS LaFollette COMMUNITY HEALTH CENTER	FACILITY
CANNON	9	ALL	GEOGRAPHIC
CARROLL	21	ALL	GEOGRAPHIC
CARTER		RURAL HEALTH SERVICES CONSORTIUM, INC. - Roan Mountain Medical Center	FACILITY
CHEATHAM	14	ALL	GEOGRAPHIC
CHESTER	24	ALL	GEOGRAPHIC
CLAIBORNE	5	ALL	GEOGRAPHIC
CLAY	9	ALL	GEOGRAPHIC
COCKE	5	ALL	GEOGRAPHIC
		RURAL MEDICAL SERVICES, INC. - Bogard Center - Grassy Fork Center - Parrottsville Center - Newport Center	FACILITY
COFFEE	19	ALL	GEOGRAPHIC
CROCKETT	22	ALL	GEOGRAPHIC
CUMBERLAND	9	ALL	GEOGRAPHIC
		CUMBERLAND MEDICAL CENTER PHYSICIAN'S GROUP	FACILITY
DAVIDSON		MIDDLE TENNESSEE MENTAL HEALTH INSTITUTE	FACILITY
		HEALTHCARE FOR THE HOMELESS, NASHVILLE METROPOLITAN HEALTH DEPARTMENT	FACILITY
		UNITED NEIGHBORHOOD HEALTH SERVICES, INC. - Cayce Family Health Center - Waverly Belmont Family Health Center - Southside Family Health Center - Sam Levy-McFerrin Park Community Clinic - Caldwell Early Child Development Center Clinic - Maplewood High School Health Center - Dalewood School Clinic	FACILITY

Source: Bureau of Health Professions, Health Resources and Services Administration, National Center for Health Workforce Analysis, U.S. Department of Health and Human Services 104

Please note: Not all designated facilities provide mental health services.

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR MENTAL HEALTH, MAY 2004**

COUNTY	CATCH MENT AREA	AREA NAME/PARTS	TYPE OF DESIGNATION
		STEWART COUNTY CHC	FACILITY
		DAVIDSON COUNTY JAIL	FACILITY
		MATTHEW WALKER COMPRE- HENSIVE HEALTH CENTER, INC.	FACILITY
DECATUR	24	ALL	GEOGRAPHIC
DEKALB	9	ALL	GEOGRAPHIC
DICKSON	14	ALL	GEOGRAPHIC
DYER	22	ALL	GEOGRAPHIC
FAYETTE	25	ALL	GEOGRAPHIC
FENTRESS	9	ALL	GEOGRAPHIC
FRANKLIN	19	ALL	GEOGRAPHIC
GIBSON	21	ALL	GEOGRAPHIC
GILES	20	ALL	GEOGRAPHIC
GRAINGER	5	ALL	GEOGRAPHIC
GREENE	4	ALL	GEOGRAPHIC
GRUNDY	12	ALL	GEOGRAPHIC
HAMBLEN	5	ALL	GEOGRAPHIC
		CHEROKEE HEALTH SYSTEMS	FACILITY
		UNION GRAINGER PRIMARY CARE	FACILITY
HAMILTON		CHATTANOOGA/HAMILTON COUNTY JAIL	FACILITY
		SOUTHSIDE COMMUNITY HEALTH CENTER - Southside Community Health Center - Dodson Ave. Community Health Center	FACILITY
HANCOCK	4	ALL	GEOGRAPHIC
HARDEMAN	24	ALL	GEOGRAPHIC
		HARDEMAN COUNTY COMMUNITY HEALTH CENTER	FACILITY
HARDIN	24	ALL	GEOGRAPHIC
HAWKINS	4	ALL	GEOGRAPHIC
		RURAL HEALTH SERVICES CONSORTIUM, INC. - Bulls Gap Medical Center - Hawkins Medical Center	FACILITY
HAYWOOD	23	ALL	GEOGRAPHIC
HENDERSON	23	ALL	GEOGRAPHIC
HENRY	21	ALL	GEOGRAPHIC
HICKMAN	20	ALL	GEOGRAPHIC
HOUSTON	14	ALL	GEOGRAPHIC
HUMPHREYS	14	ALL	GEOGRAPHIC
JACKSON	9	ALL	GEOGRAPHIC
JEFFERSON	5	ALL	GEOGRAPHIC
JOHNSON		RURAL HEALTH SERVICES CONSORTIUM, INC. - Mountain City Medical Center	FACILITY
LAKE	22	ALL	GEOGRAPHIC

Source: Bureau of Health Professions, Health Resources and Services Administration, National Center for Health Workforce Analysis, U.S. Department of Health and Human Services 105

Please note: Not all designated facilities provide mental health services.

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR MENTAL HEALTH, MAY 2004**

COUNTY	CATCH MENT AREA	AREA NAME/PARTS	TYPE OF DESIGNATION
		CITIZENS OF LAKE COUNTY FOR HEALTH CARE, INC. - Lake County Primary Health Care Center - William B. Acree Clinic	FACILITY
LAUDERDALE	25	ALL	GEOGRAPHIC
LAWRENCE	20	ALL	GEOGRAPHIC
LEWIS	20	ALL	GEOGRAPHIC
LINCOLN	19	ALL	GEOGRAPHIC
MACON	9	ALL	GEOGRAPHIC
MADISON	23	ALL	GEOGRAPHIC
MARION	12	ALL	GEOGRAPHIC
MARSHALL	20	ALL	GEOGRAPHIC
MAURY	20	ALL	GEOGRAPHIC
MCMINN	10	ALL	GEOGRAPHIC
MCNAIRY	24	ALL	GEOGRAPHIC
MEIGS	10	ALL	GEOGRAPHIC
MONTGOMERY	14	ALL	GEOGRAPHIC
MOORE	19	ALL	GEOGRAPHIC
MORGAN	19	MORGAN COUNTY HEALTH COUNCIL, INC. - Morgan County Medical Center - Deer Lodge Medical Center	FACILITY
OBION	22	ALL	GEOGRAPHIC
OVERTON	9	ALL	GEOGRAPHIC
PERRY	20	ALL	GEOGRAPHIC
		PERRY COUNTY MEDICAL CENTER, INC.	FACILITY
PICKETT	9	ALL	GEOGRAPHIC
POLK	10	ALL	GEOGRAPHIC
		OCOEE REGIONAL HEALTH CENTER - Benton Family Health Care Center	FACILITY
PUTNAM	9	ALL	GEOGRAPHIC
		SMITH COUNTY HEALTH	FACILITY
RHEA	12	ALL	GEOGRAPHIC
ROBERTSON	14	ALL	GEOGRAPHIC
SCOTT	14	MOUNTAIN PEOPLE'S HEALTH COUNCIL, INC. - Huntsville Primary Care Center - Area Health Center - Highland Health Center - Mountain People's Oneida Office - Winfield Medical Center	FACILITY
SEQUATCHIE	12	ALL	GEOGRAPHIC

Source: Bureau of Health Professions, Health Resources and Services Administration, National Center for Health Workforce Analysis, U.S. Department of Health and Human Services 106

Please note: Not all designated facilities provide mental health services.

**FEDERAL HEALTH PROFESSIONAL SHORTAGE AREAS
FOR MENTAL HEALTH, MAY 2004**

COUNTY	CATCH MENT AREA	AREA NAME/PARTS	TYPE OF DESIGNATION
SHELBY	12	LOW-INCOME POPULATION	POPULATION
		MEMPHIS HEALTH CENTER, INC. - Memphis Health Center - Greenlaw Health Center - Rossville Health Center - Homeless Health Center - LeMoyne Owen Center	FACILITY
SMITH	9	ALL	GEOGRAPHIC
STEWART	14	ALL	GEOGRAPHIC
SULLIVAN		RURAL HEALTH SERVICES CONSORTIUM, INC. - Bluff City Medical Center - Kingsport Medical Center	FACILITY
SUMNER	31	ALL	GEOGRAPHIC
TIPTON	25	ALL	GEOGRAPHIC
TROUSDALE	31	ALL	GEOGRAPHIC
UNION	5	ALL	GEOGRAPHIC
VAN BUREN	9	ALL	GEOGRAPHIC
WARREN	9	ALL	GEOGRAPHIC
		UPPER CUMBERLAND PRIMARY CARE PROJECT - Warren County Health Department	FACILITY
WASHINGTON		EAST TENNESSEE STATE UNIVERSITY	FACILITY
		RURAL HEALTH SERVICES CONSORTIUM, INC. - Limestone Medical Center	FACILITY
WAYNE	20	ALL	GEOGRAPHIC
WEAKLEY	22	ALL	GEOGRAPHIC
WHITE	9	ALL	GEOGRAPHIC
		UPPER CUMBERLAND PRIMARY CARE PROJECT - White County Health Department	FACILITY
WILLIAMSON		PRO HEALTH RURAL HEALTH SERVICES	FACILITY
WILSON	31	ALL	GEOGRAPHIC

Source: Bureau of Health Professions, Health Resources and Services Administration, National Center for Health Workforce Analysis, U.S. Department of Health and Human Services 107

Please note: Not all designated facilities provide mental health services.

Medically Underserved Areas

Medically Underserved Areas (MUAs) are federal designations that involve:

the application of the Index of Medical Underservice (IMU) to data on a service area to obtain a score for the area. The IMU scale is from 0 to 100, where 0 represents completely underserved and 100 represents best served or least underserved. Under the established criteria, each service area found to have an IMU score of 62.0 or less qualifies for designation as an MUA.

The IMU involves four variables - primary medical care physicians per 1,000 population, infant mortality rate, percentage of the population with incomes below the poverty level, and percentage of the population age 65 and over. The value of each of these variables for the service area is converted to a weighted value. These four values are summed to obtain the IMU score for the area.

Medically Underserved Populations

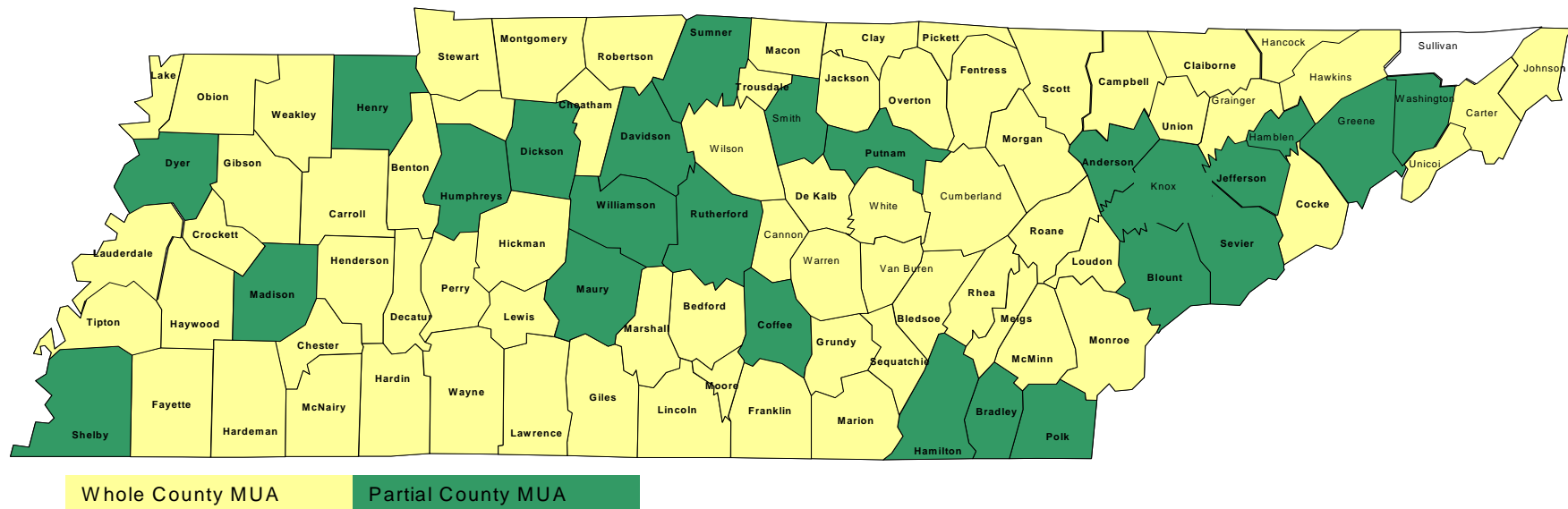
Medically Underserved Populations (MUPs) are federal designations that involve:

the application of the Index of Medical Underservice (IMU) to data on an underserved population group within an area of residence to obtain a score for the population group. Population groups requested for MUP designation should be those with economic barriers (low-income or Medicaid-eligible), or cultural and/or linguistic access barriers to primary medical care services.

U.S. Department of Health and Human Services

Ninety-four of the state's 95 counties are either partial or whole MUAs. The following map and accompanying list illustrate the currently designated MUAs and/or MUPs in Tennessee.

Medically Underserved Areas (MUAs)/Medically Underserved Populations (MUPs)
Sept., 2005



**MEDICALLY UNDERSERVED AREA (MUA's) /
MEDICALLY UNDERSERVED POPULATIONS (MUP's)
SEPTEMBER 2005**

COUNTY	AREA NAME/PARTS	DESIGNATION TYPE
ANDERSON	CENSUS TRACTS 207, 208, 210, 212.01, & 212.02	MUA
BEDFORD	ALL	MUA
BENTON	ALL	MUA
BLEDSON	ALL	MUA
BLOUNT	CENSUS TRACTS 101, 105, 108, 112, 113, 114, & 116.02	MUA
BRADLEY	CLEVELAND DIVISION	MUA
	SOUTH BRADLEY DIVISION	MUA
CAMPBELL	ALL	MUA
CANNON	ALL	MUA
CARROLL	ALL	MUA
CARTER	ALL	MUA
CHEATHAM	ALL	MUA
CHESTER	ALL	MUA
CLAIBORNE	ALL	MUA
CLAY	ALL	MUA
COCKE	ALL	MUA
COFFEE	BEECH GROVE DIVISION	MUA
	HILLSBORO DIVISION	MUA
	MANCHESTER DIVISION	MUA
	SUMMITVILLE DIVISION	MUA
CROCKETT	ALL	MUA
CUMBERLAND	ALL	MUA
DAVIDSON	CENSUS TRACTS 117-124, 136-137, 139-145, 147-148, 160-164, & 168-171	MUA
DECATUR	ALL	MUA
DEKALB	ALL	MUA
DICKSON	CHARLOTTE DIVISION	MUA

**MEDICALLY UNDERSERVED AREA (MUA's) /
MEDICALLY UNDERSERVED POPULATIONS (MUP's)
SEPTEMBER 2005**

COUNTY	AREA NAME/ PARTS	DESIGNATION TYPE
DYER	MISSISSIPPI-OBION DIVISION	MUA
	NEWBERN DIVISION	MUA
FAYETTE	ALL	MUA
FENTRESS	ALL	MUA
FRANKLIN	ALL	MUA
GIBSON	ALL	MUA
GILES	ALL	MUA
GRAINGER	ALL	MUA
GREENE	BAILEYTON DIVISION	MUA
	JEROLDSTOWN DIVISION	MUA
	MOHAWK DIVISION	MUA
	RHEATOWN-CHUCKY DIVISION	MUA
	SOUTHEAST NOLICHUCKY DIVISION	MUA
	SOUTHWEST NOLICHUCKY DIVISION	MUA
GRUNDY	ALL	MUA
HAMBLEN	WHITESBURG DIVISION	MUA
HAMILTON	CENSUS TRACTS 1-6, 8, 10-16, 18-21, 23-27, & 31	MUA
HANCOCK	ALL	MUA
HARDEMAN	ALL	MUA
HARDIN	ALL	MUA
HAWKINS	ALL	MUA
HAYWOOD	ALL	MUA
HENDERSON	ALL	MUA
HENRY	HENRY DIVISION	MUA
	PURYEAR DIVISION	MUA
	SPRINGVILLE DIVISION	MUA
HICKMAN	ALL	MUA
HOUSTON	ALL	MUA
HUMPHREYS	BAKERVILLE-BOLD SPRING DIVISION	MUA

**MEDICALLY UNDERSERVED AREA (MUA's) /
MEDICALLY UNDERSERVED POPULATIONS (MUP's)
SEPTEMBER 2005**

COUNTY	AREA NAME/PARTS	DESIGNATION TYPE
JACKSON	ALL	MUA
JEFFERSON	CHESTNUT HILL DIVISION	MUA
	DANDRIDGE DIVISION	MUA
	STRAWBERRY PLAINS DIVISION	MUA
	WHITE PINE DIVISION	MUA
JOHNSON	ALL	MUA
KNOX	CENSUS TRACTS 1-7, 9-14, 16-21, 28, & 30-33	MUA
LAKE	ALL	MUA
LAUDERDALE	ALL	MUA
LAWRENCE	ALL	MUA
LEWIS	ALL	MUA
LINCOLN	ALL	MUA
LOUDON	ALL	MUA
MACON	ALL	MUA
MADISON	CENSUS TRACTS 5, & 9-12	MUP
MARION	ALL	MUA
MARSHALL	ALL	MUA
MAURY	CULLEOKA DIVISION	MUA
	SANTA FE DIVISION	MUA
MCMINN	ALL	MUA
MCNAIRY	ALL	MUA
MEIGS	ALL	MUA
MONROE	ALL	MUA
MONTGOMERY	ALL	MUA
MOORE	ALL	MUA
MORGAN	ALL	MUA
OBION	ALL	MUA
OVERTON	ALL	MUA

**MEDICALLY UNDERSERVED AREA (MUA's) /
MEDICALLY UNDERSERVED POPULATIONS (MUP's)
SEPTEMBER 2005**

COUNTY	AREA NAME/PARTS	DESIGNATION TYPE
PERRY	ALL	MUA
PICKETT	ALL	MUA
POLK	TURTLETOWN DIVISION	MUA
PUTNAM	BUFFALO VALLEY DIVISION	MUA
	MONTEREY DIVISION	MUA
RHEA	ALL	MUA
ROANE	ALL	MUA
ROBERTSON	ALL	MUA
RUTHERFORD	CHRISTIANA DIVISION	MUA
	KITTRELL DIVISION	MUA
SCOTT	ALL	MUA
SEQUATCHIE	ALL	MUA
SEVIER	DUNN CREEK DIVISION	MUA
	KNOB CREEK DIVISION	MUA
	SEVIERVILLE DIVISION	MUA
SHELBY	CENSUS TRACTS 7, 11, 12, 13, 17, 25, 27, 28, 30, 36, 89, 99, 100, 101.1, 101.2, 102.2, 103, 201, 202.10, 205.10, 205.21, 205.22, 216.20, 219.00, 220.10, 220.21, 220.22, 221.11, 221.12, 222.10, 222.20, 223.10, 223.20, 223.30, 224.10, & 224.20	MUA
SMITH	FORKS OF THE RIVER DIVISION	MUA
STEWART	ALL	MUA
SUMNER	CENSUS TRACTS 201, 202.01, 202.02, 203, & 207-208	MUA
TIPTON	ALL	MUA
TROUSDALE	ALL	MUA
UNICOI	ALL	MUA
UNION	ALL	MUA

**MEDICALLY UNDERSERVED AREA (MUA's) /
MEDICALLY UNDERSERVED POPULATIONS (MUP's)
SEPTEMBER 2005**

COUNTY	AREA NAME/PARTS	DESIGNATION TYPE
VAN BUREN	ALL	MUA
WARREN	ALL	MUA
WASHINGTON	BETHESDA DIVISION	MUA
	TELFORD DIVISION	MUA
WAYNE	ALL	MUA
WEAKLEY	ALL	MUA
WHITE	ALL	MUP
WILLIAMSON	BETHESDA DIVISION	MUA
	BOSTON DIVISION	MUA
WILSON	ALL	MUA

National Health Service Corps

The National Health Service Corps (NHSC) is a program of the federal Health Resources and Services Administration's Bureau of Primary Health Care, the agency which serves as the focal point for providing primary care to underserved and vulnerable populations. The NHSC assists underserved communities through the development, recruitment, and retention of community-responsive, culturally-competent, primary care clinicians dedicated to practicing in federal Health Professional Shortage Areas. The NHSC recruits family practice physicians, internists, pediatricians, obstetricians/gynecologists, psychiatrists, dentists, dental hygienists, nurse practitioners, physician assistants, certified nurse midwives, and certified mental health professionals in underserved areas. Since its inception in 1970, over 200 providers in Tennessee have participated in the program.

Federally Qualified Health Centers

The Omnibus Budget Reconciliation Acts of 1989, 1990, and 1993 amended section 1905 of the Social Security Act to create a new category of facility under Medicaid and Medicare known as federally qualified health centers (FQHCs). FQHCs receive Section 330 federal funding. The Social Security Act § 1905 (1) (2) (B) definition of an FQHC included an entity which, based on the recommendation of the Health Resources and Services Administration (HRSA), is determined to meet the requirements of the Section 330 grant program but does not receive the grant. This category of health centers has been labeled FQHC Look-Alikes. FQHC Look-Alikes receive no Section 330 federal funding, but are eligible for cost-based reimbursement under Medicaid and Medicare and participate in the 340(b) Federal Drug Pricing Program. The following map and accompanying list illustrate the federally qualified health centers as of February 2004.

**FEDERALLY QUALIFIED HEALTH CENTERS,
SEPTEMBER, 2005**

Name	Address	City	State	Zip	County
Area Health Center	3826 Norma Road	Huntsville	TN	37756	Scott
Baileyton Medical Center	580 Van Hill Road	Greenville	TN	37745	Greene
Benton Family Health Care Center	Highway 411 South	Benton	TN	37307	Polk
Bledsoe County Primary Care Center	3625 US 127	Pikeville	TN	37367	Bledsoe
Bluff City Medical Center	229 Highway 19-East	Bluff City	TN	37618	Sullivan
Bulls Gap Medical Center	268 Highway 11-East	Bulls Gap	TN	37711	Hawkins
Campus for Human Development	532 8th Avenue South	Nashville	TN	37203	Davidson
Cannon County Health Department	301 West Main Street Ste. 200	Woodbury	TN	37190	Cannon
Cayce Family Health Center	617 South 8th Street	Nashville	TN	37206	Davidson
Cherokee Health System	815 West 5th Street	Morristown	TN	37814	Hamblen
Cherokee Health System	1596 Highway 33 South	New Tazewell	TN	37825	Claiborne
Cherokee Health System	10731 Chapman Highway	Seymour	TN	37865	Sevier
Cherokee Health System	501 Adessa Drive Ste A 150	Lenoir City	TN	37774	Loudon
Cherokee Health Systems	1285 Highway 11W	Bean Station	TN	37708	Grainger
Cherokee Health Systems	8655 Rutledge Pike	Rutledge	TN	37861	Grainger
Cherokee Health Systems	180 Emory Road	Blaine	TN	37709	Grainger
CHOTA Community Health Services	1206 Highway 411	Vonore	TN	37885	Monroe
Christ Community Health Services	3362 South 3rd Street	Memphis	TN	38109	Shelby
Christ Community Health Services	2861 Broad Avenue	Memphis	TN	38112	Shelby
Christ Community Health Services	2861 Broad Avenue (Mobile Unit)	Memphis	TN	38112	Shelby
Clay County Health Department	115 Guffey Street	Celina	TN	38551	Clay
Clear Fork Clinic	5663 Highway 90	Clairfield	TN	37715	Claiborne
Cleveland Family Health Care Center	1420 Fritz Street	Cleveland	TN	37323	Bradley
Cumberland County Health Department	131 South Webb Avenue	Crossville	TN	38555	Cumberland
Dalewood School Health Clinic	14780 McGavock Pike	Nashville	TN	37216	Davidson
Deer Lodge Medical Clinic	208 Old Deer Lodge Pike	Deer Lodge	TN	37726	Morgan
Dekalb County Health Department	254 Allen's Ferry Road	Smithville	TN	37166	Dekalb
Dodson Avenue Community Health Center	1200 Dodson Avenue	Chattanooga	TN	37406	Hamilton
Dry Creek Medical Center	1826 North Main Street	Erwin	TN	37650	Unicoi
Fentress County Health Department	240 Colonial Circle Ste A	Jamestown	TN	38556	Fentress
Greenlaw Health Center	278 Greenlaw	Memphis	TN	38105	Shelby
Grundy County Primary Care Center	Highway 108	Palmer	TN	37365	Grundy
Hancock County Elementary School Clinic	2700 Main Street	Sneedville	TN	37869	Hancock
Hancock County Elementary School Clinic	375-C Court Street	Sneedville	TN	37869	Hancock
Hancock Medical Center	300 River Road	Sneedville	TN	37869	Hancock

Source: Tennessee Primary Care Association

Name	Address	City	State	Zip	County
Hardeman County Community Health Center	629 Nuckolls Road	Bolivar	TN	38008	Hardeman
Hardin County Regional Health Center	150 Guinn Street	Savannah	TN	38372	Hardin
Hardin County Regional Health Center	150 East End Drive	Savannah	TN	38372	Hardin
Hartsville Family Health Center	100A Damascus Avenue	Hartsville	TN	37074	Trousdale
Hawkins Medical Center	4966 Highway 11 West	Rogersville	TN	37857	Hawkins

**FEDERALLY QUALIFIED HEALTH CENTERS,
SEPTEMBER, 2005**

Highland Health Center	715 Rugby Highway	Elgin	TN	37852	Scott
Homeless Downtown Clinic	526 8th Avenue South	Nashville	TN	37203	Davidson
Homeless Health Care Center	717 East 11th Street	Chattanooga	TN	37403	Hamilton
Huntsville Primary Care Center	2974 Baker Highway	Huntsville	TN	37756	Scott
Indian Mountain Clinic	550 Sunset Trail	Jellico	TN	37762	Campbell
Jackson County Health Department	744 School Drive	Gainesboro	TN	38562	Jackson
Johnson City Downtown Clinic	202 West Fairview Avenue	Johnson City	TN	37604	Washington
Keystone Clinic	603 Bert Street	Johnson City	TN	37601	Washington
Kingsport Medical Center	737 East Sevier Street	Kingsport	TN	37660	Sullivan
Lake County Primary Center	215 South Court Street	Tiptonville	TN	38079	Lake
Lemoyne-Owen College Clinic	807 Walker Avenue	Memphis	TN	38126	Shelby
Limestone Medical Center	105 Limestone Ruritan Road	Limestone	TN	37681	Washington
Macon County Health Department	601 Highway 52 Bypass East	Lafayette	TN	37083	Macon
Maplewood High School Clinic	401 Walton Lane	Nashville	TN	37216	Davidson
Matthew Walker Health Center	1035 14th Avenue North	Nashville	TN	37208	Davidson
Meigs County Primary Care Center	305 River Road	Decatur	TN	37322	Meigs
Memphis Health Center	360 East E. H. Crump Boulevard	Memphis	TN	38126	Shelby
Morgan County Health Council	224 Old Mill Road	Wartburg	TN	37887	Morgan
Mountain City Medical Center	222 Oak Street	Mountain City	TN	37683	Johnson
Mountain People's Oneida Clinic	460 Industrial Lane	Oneida	TN	37841	Scott
Overton County Health Department	5880 Bradford Hicks Drive	Livingston	TN	38570	Overton
Perry County Medical Center, Inc.	115 East Brooklyn Avenue	Linden	TN	37096	Perry
Pickett County Health Department	1013 Woodlawn Drive	Byrdstown	TN	38549	Pickett
ProHealth Rural Health Services, Inc.	1325 A West Main Street	Franklin	TN	37064	Williamson
ProHealth Rural Health Services, Inc.	180 Bear Creek Pike, Ste A	Columbia	TN	38401	Maury
ProHealth Rural Health Services, Inc.	395 Wallace Road Bldg B Ste100	Nashville	TN	37212	Davidson
Putnam County Health Department	121 South Dixie Avenue	Cookeville	TN	38501	Putnam
REACHS Administrative Office	507 Main Street	Jacksboro	TN	37757	Campbell
REACHS Children's Advocacy Center	2315 Jacksboro Pike	Lafollette	TN	37766	Campbell
REACHS Community Health Center	502 West Central Avenue	Lafollette	TN	37766	Campbell
REACHS Correctional Health	195 Kentucky Street	Jacksboro	TN	37757	Campbell
Rhea County Primary Care Center	188 16th Avenue Ste 106	Dayton	TN	37321	Rhea

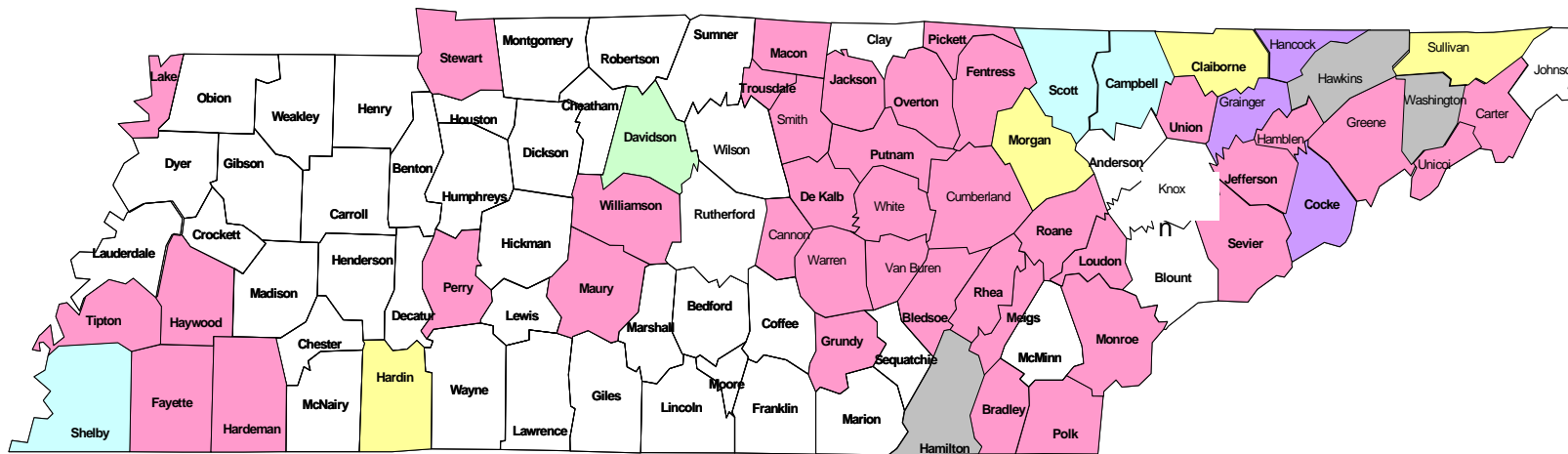
Source: Tennessee Primary Care Association

**FEDERALLY QUALIFIED HEALTH CENTERS,
SEPTEMBER, 2005**

Name	Address	City	State	Zip	County
Roan County Medical Center	152 Highway 143	Roan Mountain	TN	37687	Carter
Rossville Health Center	4940 Highway 57 & Knox Road	Rossville	TN	38066	Fayette
Rural Medical Services - Bogard Center	2920 Cosby Highway	Cosby	TN	37722	Cocke
Rural Medical Services - Chestnut Hill Center	3885 Highway 411, Ste 100	Dandridge	TN	37725	Jefferson
Rural Medical Services - Grassy Fork Center	4261 Big Creek Road	Hartford	TN	37753	Cocke
Rural Medical Services - Newport Center	207 Murray Drive	Newport	TN	37821	Cocke
Rural Medical Services - Parrottsville Center	111 Mocking Bird Avenue	Parrottsville	TN	37843	Cocke
Sam Levy/McFerrin Pike Community Clinic	222 Grace Street	Nashville	TN	37207	Davidson
Smith County Health Clinic	303 High Street North	Carthage	TN	37030	Smith
Sneedville Medical Center	1861 Main Street	Sneedville	TN	37869	Hancock
Southside Community Health Center	100 East 37th Street	Chattanooga	TN	37410	Hamilton
Southside Family Health Center	100 University Street	Nashville	TN	37210	Davidson
Stanton Health Center	17 East 1st Street	Stanton	TN	38069	Haywood
Stewart County Community Medical Center	1021 Spring Street	Dover	TN	37058	Stewart
Union County Medical Center	4330 Maynardville Highway	Maynardville	TN	37807	Union
Van Buren County Health Department	Highway 30	Spencer	TN	38585	Van Buren
Warren County Health Department	1401 Sparta Street	McMinnville	TN	37110	Warren
Washburn Medical Clinic	Highway 131	Washburn	TN	37888	Grainger
Waverly Belmont Family Health Center	1501 12th Avenue South	Nashville	TN	37203	Davidson
West Main Medical Center	900 West Main Street	Rogersville	TN	37857	Hawkins
White County Health Department	135 Walker Street	Sparta	TN	38583	White
William B. Acree Clinic	130 North Main Street	Ridgely	TN	38080	Lake
Winfield Medical Center	24217 Scott Highway	Winfield	TN	37892	Scott

Source: Tennessee Primary Care Association

Federally Qualified Health Centers Sept., 2005



One Center

Two Centers

Three Centers

Four Centers

Six Centers

Ten Centers

Sixteen Centers

APPENDIX

Glossary

Community - A society or body of people living in the same place, under the same laws and regulations, who have common rights, privileges, or interests.

D.D.S. – Doctor of Dental Surgery.

D.M.D. – Doctor of Medical Dentistry.

D.O. – Doctor of Osteopathy.

Full Time Equivalency (FTE) - A calculation used to determine the number of hours rendered by a provider in direct patient care, using a standard of 40 hours per week. For example, a provider who works 30 hours a week in direct patient care would be considered 0.75 FTE. Interns are counted as 0.1 full-time equivalency.

General Dentistry - The practice of dentistry and dental hygiene. Any person is deemed to be practicing dentistry who diagnoses, prescribes for, or treats any disease, pain, deformity, deficiency, injury or physical condition of the human teeth or jaws, or associated structures.

Health Access Incentive Grants - Grants awarded to individual health or dental care providers to encourage them to locate a full-time practice in a health resource shortage area.

Health Access Program - A program designed to assist communities in enhancing the population's access to health care by locating practices in underserved areas and providing primary medical or dental care services.

Health Care Provider - This category consists of health care practitioners (degrees of M.D., D.O., D.D.S., or D.M.D.) and non-physician health care practitioners.

Health Professional Shortage Area (HPSA) - An area designated by the Division of Shortage Designation, Public Health Service, U.S. Department of Health and Human Services. The designation signifies a shortage of health personnel for certain health services. Various factors can combine to prove shortages for designation. In a geographic primary care HPSA, the area has a provider to noninstitutionalized population ratio of at least 1:3,500. Other factors can include high poverty rates, high infant mortality rates, underserved TennCare population, etc.

Health Resource Shortage Area (HRSA) - An area designated by the Commissioner of the Tennessee Department of Health with inadequate resources in place to ensure access to primary, obstetrical, and pediatric care for the general population and access to primary care and dental services for the TennCare population.

J-1 Physician - A foreign medical graduate who was admitted to the United States on a J-1 visa, or who acquired such status after admission to the United States, and who is required to return to the country of his or her nationality or last residence upon the

completion of participation in an exchange visitor program. A J-1 visa physician can apply through the J-1 program for a permit to work in the United States.

Medical Recruitment Fair - A combined effort between the Department of Health and local communities to help place primary care physicians, dentists, nurse practitioners, nurse midwives, and physician assistants in areas of Tennessee with inadequate access to primary medical or dental care. The recruitment fair offers an opportunity for providers to meet with representatives of Tennessee's underserved communities to discuss present and future practice opportunities.

Metropolitan Area - Any area within the boundaries of Shelby, Davidson, Knox, and Hamilton Counties of the state of Tennessee.

M.D. – Medical Doctor

Midlevel Provider - Nurse Practitioner, Certified Nurse Midwife, and Physician Assistant.

National Health Service Corps - A program that places U.S. Public Health Service personnel in areas with a critical shortage of health manpower. The placement is for the purpose of improving the delivery of health care and services to persons residing in such areas.

Nonmetropolitan (Rural) Area - Any area that is not a metropolitan area. (See above).

Population - Population data for 2004 is a projected estimate based on 2000 census data obtained from the U. S. Bureau of Census through the Office of Health Statistics, Tennessee Department of Health. Total county populations are used by the Department in calculating provider-to-population ratios for primary care. To calculate the provider-to-population ratios for obstetrics, the estimated population of women of childbearing age (15-44 years) was used in addition to the total population. Pediatric populations include those persons aged 0-17 years. TennCare enrollees were extracted from data made available from the Bureau of TennCare.

Primary Care - Basic entry level of health care rendered by health care practitioners, usually in an outpatient setting. This type of service delivery emphasizes caring for the patient's general health needs, as opposed to a more specialized approach to medical care. The specialties included are: general practitioner, family practice, obstetrics, obstetric gynecology, internal medicine, and general preventative medicine.

Provider Inventories - In the state's 95 counties, mail and phone surveys were performed (by Tennessee Department of Health personnel) on each primary care physician. Data on primary care mid-levels were obtained and processed as follows:

1. Data on actively licensed personnel practicing in Tennessee were extracted from the Tennessee Department of Health manpower licensure files.
2. The above data were used to formulate mailing lists for survey completion.

3. Mail and phone surveys were performed on physician assistants, nurse practitioners, and certified nurse midwives by central office staff. The database was developed from the state provider licensure files maintained by the Bureau of Health Licensure and Regulation and distributed by the Office of Health Statistics.
4. Completed survey data were analyzed for accuracy and completeness by state, regional, and local Department of Health staff.
5. The resultant, combined database was utilized for this report.

Rational Service Areas - Individual counties, groups of counties, or communities that have displayed certain obvious primary care, pediatric, or obstetrical care service patterns for residents of that county or community and/or surrounding areas. Determining factors for delineating rational service areas include, but are not limited to, natural or artificial barriers (mountains, bad roads), geographic patterns of care, the presence or absence of health manpower or facilities, and patients' payment capabilities.

TennCare - A comprehensive managed care program for reforming the delivery of health care services in Tennessee. TennCare was granted as a research and demonstration waiver by the Centers for Medicare and Medicaid Services (CMS), U.S. Department of Health and Human Services, under Section 1115 of the Social Security Act, and was designed to provide quality health care services to Tennessee's Medicaid and SSI eligible and uninsurable and uninsured populations.